Nationwide Quarterly Business Survey—Page 3

Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 134 AUGUST 8, 1938 Number 6

RECEIVED AUG 8 1938 LIBRARY THE CHEMISTS' CLUB

COSMIC

Reg. U. S. Pat. Off.

THE STANDARD BONE BLACK PIGMENT

Fifty years of research and manufacturing experience, plus modern plant and laboratory facilities, are the basis of the unusual jetness, strength and uniformity for which Cosmic Black is noted. Available in 25 grades, in shades that never vary.

"AA QUALITY" CHEMICAL PRODUCTS

Monocalcium Phosphate	Carbonate of Ammonia	Sulphuric Acid
Dicalcium Phosphate	Bone Black Pigments	Gelatins
Disodium Phosphate	Sodium Silicofluoride	Phosphorus
Trisodium Phosphate	Sod. Acid Pyro Phosphate	Phosphoric Acid

The AMERICAN AGRICULTURAL CHEMICAL Co.

50 Church Street, New York

33 Offices in Principal Cities in U. S., Cuba and Canada

Established 1880

WM. S. GRAY & CO.

342 MADISON AVENUE NEW YORK

Cable Address: Graylime

Phone: VAnderbilt 3-0500

Manufacturers' Agents

Acetic Acid

ALL GRADES

TANK CARS BARRELS

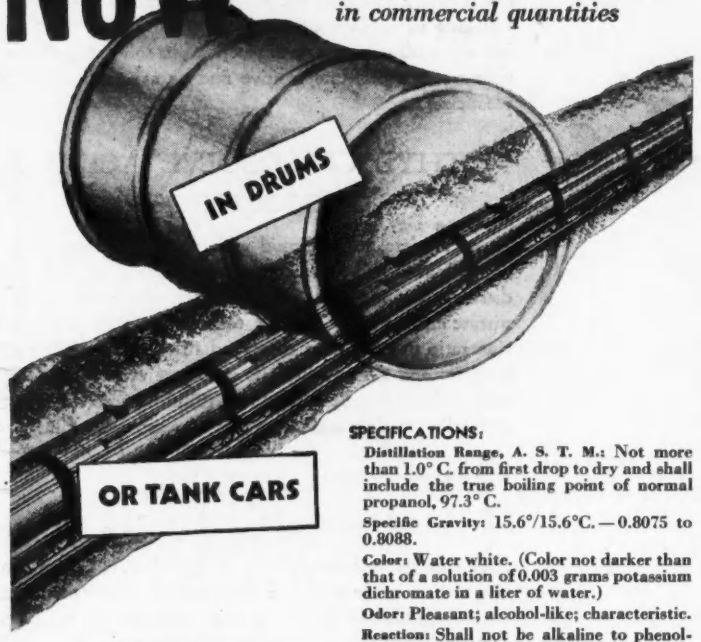
INQUIRIES SOLICITED

NOW

Du Pont pure synthetic

NORMAL PROPYL ALCOHOL

in commercial quantities



SPECIFICATIONS:

Distillation Range, A. S. T. M.: Not more than 1.0° C. from first drop to dry and shall include the true boiling point of normal propanol, 97.3° C.

Specific Gravity: 15.6°/15.6°C. — 0.8075 to 0.8088.

Color: Water white. (Color not darker than that of a solution of 0.003 grams potassium dichromate in a liter of water.)

Odor: Pleasant; alcohol-like; characteristic.

Reaction: Shall not be alkaline to phenolphthalein or acid to methyl orange.

Solubility in 85% H_2SO_4: Completely soluble.

Solubility in Water: Completely soluble.

USES:

Du Pont pure, synthetic Normal Propyl Alcohol is admirably suited for use in the manufacture of intermediates, organic chemicals, lacquers, cosmetics, perfumes, dental lotions and washes, fulminates, polishes, and dry cleaners. It is an excellent solvent for resins, waxes, and pharmaceuticals.

Write for samples and complete information

DU PONT

E. I. DU PONT DE NEMOURS & CO., INC.

AMMONIA DEPT. WILMINGTON, DEL.

BICHROMATE OF SODA • BICHROMATE OF POTASH

CHROMATE OF SODA • CHROMATE OF POTASH • AM

AMMONIUM BICHROMATE OF POTASH

CHROMATE OF SODA

BICHROMATE OF POTASH

CHROMATE OF POTASH

AMMONIUM BICHROMATE

CHROMATE OF SODA • CHROMATE OF POTASH • AM

AMMONIUM BICHROMATE • BICHROMATE OF POTASH

BICHROMATE OF SODA

BICHROMATE OF POTASH

BICHROMATE OF SODA • CHROMATE OF POTASH • A

CHROMATE OF POTASH • BICHROMATE OF SODA • CH

BICHROMATE OF POTASH • AMMONIUM BICHROMATE

Make "Standard" Bichromates your Standard

PRIOR CHEMICAL CORPORATION

420 LEXINGTON AVENUE, NEW YORK

PHONE: Mohawk 4-9811

TELETYPE: NY-1-2054

CABLE: Priorchem, New York

Sole Selling Agents for

STANDARD CHROMATE DIVISION

Diamond Alkali Company, Painesville, Ohio

Guaranteed 99⅛% to 100% Pure

BORAX

BORIC ACID

Refined and U. S. P.

» Crystal » Granulated » Powdered » Impalpable »

» Calcined Borax Glass » Manganese Borate » Anhydrous Ammonium Borate »

Samples on request

PACIFIC COAST BORAX COMPANY

Dept. Q

51 Madison Avenue, New York

CHICAGO LOS ANGELES

New Ester Solvents

. . . greater freedom in lacquer formulations is now made possible by these high-boiling esters. They have been developed to meet the demand for new solvents created by the changing requirements of the resin and surface-coating industries.

GLYCOL DIACETATE

$CH_3COOC_2H_4OOCCH_3$

. . . a water-white liquid which boils at 186°C . . . dissolves both cellulose esters and ethers and has a xylene dilution ratio of 1.4. In its properties, it is similar to triacetin. It is an excellent solvent for printing inks and lacquers and is quite stable in the absence of water. It prevents blushing in airplane dopes, imparts suppleness to cellulose ether films, and is an excellent resin solvent. It shows promise as a perfume fixative and as a non-discoloring plasticizer.

METHYL "CELLOSOLVE" ACETATE

$CH_3COOC_2H_4OCH_3$

. . . a colorless, stable liquid with a pleasant, ester odor . . . boils at 143°C. It is miscible with organic solvents, and dissolves various gums, resins, waxes, oils, and cellulose nitrate and acetate. It has a toluene nitrocellulose dilution ratio of 2.3 and is employed in the formulation of lacquers and dopes where its moderate evaporation rate reduces blushing. It is used as a cellulose acetate solvent in textile printing and in making photographic film.

"CARBITOL" ACETATE

$CH_3COOC_2H_4OC_2H_4OC_2H_5$

. . . a colorless solvent boiling at 218°C . . . is one of the few commercially available high-boiling esters which are entirely soluble in water, yet it is miscible with most organic solvents. It has a xylene dilution ratio of 1.9 and dissolves cellulose esters, gums, and resins ordinarily used in lacquer formulation. Its solvent power, high boiling point, and unique, slow evaporation rate make it particularly useful in surface coatings where slow drying is of primary importance, such as in the newer synthetic resin finishes. In printing inks, its evaporation rate is slow enough to prevent gumming on print rolls, but fast enough for printing practices.

BUTYL "CARBITOL" ACETATE

$CH_3COOC_2H_4OC_2H_4OC_4H_9$

. . . a water-insoluble liquid . . . boils at 245°C. Its nitrocellulose dilution ratio with xylene is 1.8. It is miscible with most organic liquids, and dissolves many oils, resins, and gums. With such a high boiling point, it is useful in formulations of nitrocellulose and synthetic resin coatings. In fact, its boiling point is so high that if there are substances present which are good solvents for this ester, it will be retained by the film and act as a plasticizer.

"FLEXOL" PLASTICIZER 3GH

$(C_5H_{11}COO)_2 : [C_2H_4(C_2H_4O)_2]$

. . . boiling at 353°C . . . has a low water solubility and a lower vapor pressure than dibutyl phthalate. It possesses a great resistance to discoloration under the influence of ultra-violet light. This plasticizer is an excellent softening agent for natural and synthetic resins, including the "Vinylite" brand of resins. It increases the elasticity of the plasticized product without unduly reducing the ultimate strength. It has the extraordinary property of *increasing* the flexibility as the temperature is lowered.

Information on these new chemicals will gladly be furnished.

The words "Cellosolve," "Carbitol," "Vinylite" and "Flexol" used herein are registered trade-marks.

CARBIDE AND CARBON CHEMICALS CORPORATION

Unit of Union Carbide and Carbon Corporation

UCC

30 East 42nd Street, New York, N. Y.

PRODUCERS OF SYNTHETIC ORGANIC CHEMICALS

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 134 AUGUST 8, 1938 Number 6

RECEIVED AUG 8 1938 LIBRARY THE CHEMISTS' CLUB

Reporter's Nationwide Business Survey Shows Chemical Activities at Low in Second Quarter

Unbroken General Recession Continued to Hold Down Demand for Industrial Materials—Price Levels Further Depressed—Sentiment Improved

Production and sales of chemicals, oils, and drugs were reduced still more in the second quarter of this year and got down to levels unprofitably lower than those of the corresponding period in 1937. Their reduction carried operations in some groups below the stage at which these could show an even break in financial returns. While there was some original fault within the ranks of the chemical, oil, and drug industries—it must be expected that management in these fields will share to an extent the beliefs and policies of industrial management in general—the larger part of the curtailment was the result of undesired trimming demanded to meet the continued doldrumming or humdrumming of business in general.

Industrial activity as a whole was barely enough during the quarter to justify its being called activity. The reason for this cannot yet be set forth in definite terms of logical application. There was no fundamental physical basis for the continued receding of the recession, but this could not wholly be laid upon psychology. The closest one can come to a general designation is to say that the cause was a rather common acceptance of a philosophy, which may be defined as holding that certain objectionable "kibitzers" would get tired watching business do nothing and would go home and let business alone. This philosophy has not panned out in paying proportions.

Whatever the reason, the chemical, oil, and drug industries more or less voluntarily followed the prevailing philosophy and, willy-nilly, took the effects. Data contributed to the REPORTER'S quarterly survey show that they cut their production to a point 17.6 percent below the volume of the second quarter in 1937, their sales falling off 20.8 percent in volume, and somewhat more in value because of a lower average of unit prices.

One division of the industries was a bit out of line in the application of the general philosophy: production of botanical materials was larger in this year's quarter, although sales were below the 1937 level. There was variety in the manifestations of the effects of conditions by the various groups, production curtailment ranging from 26.7 percent in petroleum products to 10.3 percent in fertilizer materials. The influential trend of sales volume ranged—always adversely—from a drop of 5.9 in fertilizer materials to one of 31.7 percent in paint, varnish, and lacquer materials—this in spite of greater activity in the housing program.

Producers of chemicals, oils, and drugs, on the average, had a sensitive finger on the pulse of the markets for these industrial materials, and in some manner or other managed to keep their operations closely in line with indicated demand. In consequence, these industries as a whole showed an increase of but 0.29 percent in their inventories, calculating from a year earlier. But, the several groups were far apart in their responses thusly to the law of supply and demand. Inventories of but three of the ten groups covered by the REPORTER'S survey were increased, but the increases were substantial, ranging from 5.8 percent in petroleum products to 20.6 percent in paint, varnish, and lacquer materials. There was considerable variety in the degree of success with which the other groups managed to reduce their inventories; the coaltar chemical industry effected a reduction of 15 percent. At the other end was the oils, fats, and waxes industry, which pared 0.7 percent off its accumulated stocks.

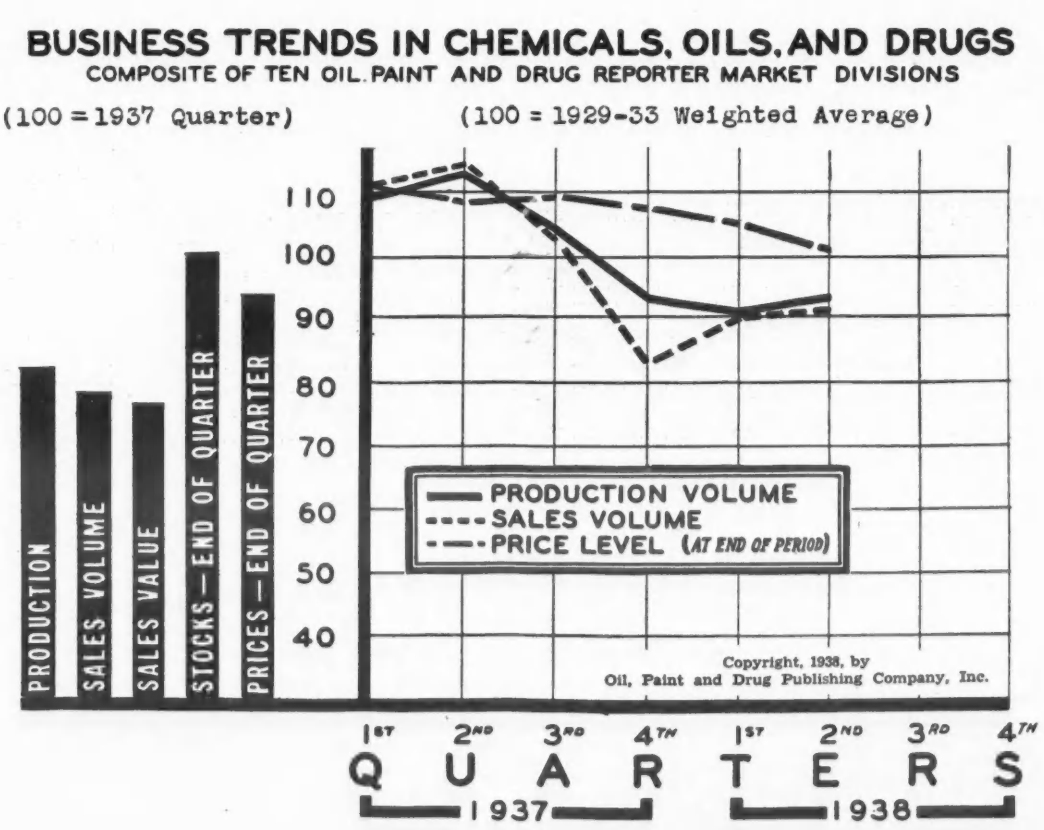
As has long been typical of the chemical, oil, and drug industries, employment in their factory operations was of larger relative measure in the second quarter than was that in industry as a whole. But, it showed more than it had for some time the effects of the policy of laying off men, which was accumulatively characteristic of industrial operations since the stock markets began, almost a year ago, to "forecast" the business recession, and was cut to an average of 14.4 percent below the corresponding 1937 volume. Payrolls, out of keeping with past performances, were cut more, their difference being 15.1 percent, the average weekly earnings of employees having been cut 2.2 percent. The condition in manufacturing industry as a whole was much worse. It is not to be concluded, however, that industry's philosophy holds that working fewer men and paying lower wages is a remedy for business anemia.

Chemicals, Oils, Drugs

Conditions, January-June, 1938

(100 = Corresponding period of 1937)

Production, second quarter	82.4
Production, first half	83.8
Sales volume, second quarter	79.2
Sales volume, first half	80.9
Sales value, second quarter	77.2
Sales value, first half	78.4
Stocks, end of second quarter	100.3
Prices, end of second quarter	94.6
Exports (Jan.-May)—$249,832,938	109.6
Imports (Jan.-May)—$137,304,381	68.9
Credit conditions	Poorer
Outlook	Slightly brighter



The Outlook

In spite of the fact that, directly or indirectly influenced by the general philosophy of passivity, the chemical, oil, and drug industries experienced a further diminution of sales during the second quarter and found themselves worse off than they had been a year earlier,

—*Turn to page 24*

Closing Market Developments

London Closing Cable

LONDON, Aug. 5, 1938.

Stocks of shellac in London totaled 122,569 packages on August 1. Of this total, 120,612 packages were orange.

Soda Nitrate Unchanged

Chilean nitrate of soda for industrial and chemical use was offered for the remainder of the season at unchanged prices from those in force for some time back. Soda for fertilizer manufacturer is offered for August delivery only.

Sardine Meal Lower

Japanese sardine meal was quoted at $43.50 per ton, for shipment from the Orient, basis c.i.f. ports. This was $1 per ton cheaper than earlier in the week.

Orange Oil Slightly Steadier

California oil seemed slightly steadier at the close of last week. The largest producers maintained the price of 75c. per pound on expressed and 50c. on distilled oil. In resale quarters, offering so-called independent brands, occasional shading to 65c. to 68c. per pound was noted, but there was far less disposition to shade the market than there had been recently.

Tin Salts Higher

Quotations for tin crystals and soda stannate were fractionally higher later in the week. Tin crystals were quoted at 35c. to 35½c. per pound; soda stannate 29½c. to 32½c. per pound, and anhydrous tetrachloride of tin was unchanged at 22¼c. per pound. Straits tin closed at 43½c. per pound.

Powdered Asafetida Firmer

Hot and humid weather has made powdering of this article more difficult and some quarters have advanced quotations to 42c. per pound. The price range was 38c. to 42c. per pound as to seller.

Chinawood Oil Easier

Chinawood oil was easier in domestic markets late in the week in company with the situation abroad. Offerings were noted here on Friday at 14c. per pound in tankcars.

Britain Drops Production Plan for Calcium Carbide

London, Aug. 4, 1938

The British government has just disclosed that the British Oxygen Company is not proceeding with the calcium carbide manufacturing project at Port Talbot, South Wales. This has caused considerable surprise in the House of Commons in view of the undertaking to proceed with the Port Talbot project when the Caledonian power bill (promoted to provide the power for a similar project in Scotland), which was defeated, was before the house a few months ago. As a result, Britain will continue to import its large calcium carbide requirements from Scandinavia and elsewhere.

The government, Sir Thomas adds, had informed the House of Commons on November 18 last that it regarded as satisfactory the proposals of the company, which were a combined plan to produce carbide at Port Talbot and Corpach. The Corpach (Scotland) part of this plan was rejected by the House of Commons. The decision of the House was not unreasonably regarded by the company as creating a new situation, and it has informed Sir Thomas that, after full consideration of the situation and especially of the present commercial possibilities for production of carbide, it does not feel justified in proceedings with the Welsh part of the project.

Distillers Institute Lets Doran Resign

The directors of the Distilled Spirits Institute July 29 accepted the resignation of J. M. Doran as an official of the organization, effective September 15. The directors expressed their regret that Mr. Doran no longer felt able to continue in an active capacity and said that arrangements had been made to utilize his technical knowledge and experience as a consultant.

No decision was reached at the meeting toward filling any vacancy, and the committee is continuing its deliberations in this respect.

Gene Tunney, chairman of the board of the American Distilling Company, who has been strongly urging that the institute engage a director who would be a "czar" of the industry, has withdrawn his company from membership in the institute.

Chemical Price Level Unchanged

Price changes in the markets for heavy and fine chemicals last week were the more numerous on the downward side. Most of them were of minor importance; the influences of others on the general average were equalized. Tin salts, corn derivatives, and naval stores were lower. The sulphate of ammonia schedule for August was advanced.

Business was of small volume, but showed a little more improvement. The general sentiment was cheerful with respect to the future, and signs of its justification were more noticeable.

Prices were advanced on sulphate of ammonia for August, nitrate of copper, subcarbonate and subnitrate of bismuth, domestic casein, aloin, egg yolk, Japanese sardine meal, and dried blood and fertilizer tankage at Chicago.

Prices were reduced on Straits tin, tin crystals, tetrachloride of tin, stannate of soda, cornstarch, corn dextrin, corn syrup, sumac leaves, Batavia and Singapore dammars, gum rosin, gum turpentine, and imported dried blood.

The REPORTER'S composite index number of prices for heavy and fine chemicals remained, for the fourth week, at 125.9 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 89.1, against 90.0 at this time last year and 88.6 in 1936.

Contents of This Issue

News and Statistics

Antitrust Violations Laid to A.M.A. 5
American Luminous Products Names British Sales Agent 35
Bristol Heads World Fair Exhibitors 4
British Drop Production Plan for Calcium Carbide 4
Chemical Corporations Earnings: 1936 5
Commerce Department Forms Business Review Division 4
Calcium Chloride Producers Charged With Price-Fixing 5
Cosmetic Ad Claims Criticized by T.G.A. 5
Cellulose Products Co. Plant Wrecked by Three Explosions 23
Cube Patent Case Appealed 4
Carbon Black Pellets Patented by Cabot 35
Cleveland Cleaner & Paste Co. Observing Fiftieth Anniversary 34
Corn Products Output Is Reported for 1937 28
Continental Can Co. Reports Fiscal Year Earnings 28
Drug Act Requirements Studied by A.D.M.A. 5
Distillers Institute Lets Doran Resign 4
Dow Chemical Earnings 32
DuPont Makes West Toothbrushes 35
Edwards Forms Company to Sell By-Products Ammonia 57
Eagle-Picher Co. Releases Financial Report for Six Months 37
Fats and Oils Sulphonated Reported for Second Quarter 33
F.D.A. Studying Cosmetic Industry 5
Fritzsche Bros. 25-Year Club Augmented by Thomas Coyle 54
Gasoline Companies Apply Feld-Crawford Trade Act 37
Glyco Products Co. Offers Flexible Shellac and Casein 34
Haas-Miller Engages Dieck 33
Housing Materials Exempted From Domestic Source Rule 34
I.C.C. Rules Against Case-Hardened Glass 32
Imperial Chemical Industries President Resigns 33
Interstate Compact Commission Holds Summer Meeting 27
Illinois Paint Up Drive Further Extended 34
Lacquer Sales Up 34
Monopoly Probe Aims Primarily at Prices 5
Mexico Export Tax Bill Passed 5
Mexico Rejects Plan to Arbitrate U. S. Claims 23
Nationwide Business Survey 3
N.E. Paint Club Proposals Accepted by Master Painters 34
N.P.V.L.A. Entertainment Convention Plans Shaping 34
Oil Supply Embraced by Energy Survey 23
Petroleum Market Status 55
Price Law Survey to Be Extended 5
Publicker Commercial Alcohol Relocates Philadelphia Offices 63
Phosphate Hearing Told Prices Are too High 5
Paint Up Campaign Used 330,315 Gallons in St. Louis 35
Paint, Varnish, Lacquer Sales Off 35
Painters and Decorators Favor Time Selling Plans 35
Plastic, Coldwater Paint Calcimine Sales Off 34
Petroleum Production 56
Phosphate Rock Shipments Off 4 Percent in Half Yar 28
Steel Barrel June Output Up 33
So. Dakota Issuing Feldspar Mining Claims 32
Salt Freight Reduced 32
Sweden Plans Phosphorous Fertilizers from Apatite Study 57
Standard Oil of Indiana Elects R. F. McConnell to Directorate 52
Soap Weight-Loss Adjustments Helped 56
Swift & Co. Antitrust Case in Texas Settled 56
Skelly Oil Co. Reports Profit for June Quarter 54
Tax Revision Plans Indefinite 5
Treasury Department Desires Consolidation 23
U.S. to Ask Bids for La. Oil Land Leases 23

General Features

Advertiser's Index 65
Bids Wanted 64
Chemical Price Trends 4
Classified Advertisements 64
Closing Market Developments 4
Contracts Awarded —
Corporation Earnings —
Dividends Declared —
Editorials 3
Foreign Trade Openings 63
Foreign Trade Rules 23
Industrial Uses of Chemicals 38
Obituaries 54
Prices Current 7
Scientific, Professional Services 58
Trade News Briefs 32, 58
What You Can Use 52
Where You Can Sell 38

Market Reports

Botanical Drugs, Spices, Gums 51
Coaltar Chemicals 36
Drugs and Fine Chemicals 47
Dyestuffs, Textile and Leather Chemicals 33
Essential Oils and Aromatics 53
Fertilizer Materials 57
Heavy Chemicals 29
Oils, Fats and Waxes 43
Paint, Varnish, and Lacquer Materials 39
Petroleum Solvents, Lubricants, Fuels 55

Shipping Information

Cargo Ship Arrivals 63
Charters 63
Coastwise Shipments 63
Exports 61
Imports 59
Imports Detained 63

Oil, Paint and Drug Reporter, Volume 134, No. 6, August 8, 1938. Published weekly by Oil, Paint and Drug Publishing Company, Inc., 59 John Street, New York. Annual subscription price:—United States, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter January 15, 1884, at the Post Office at New York, N. Y., under the Act of March 6, 1879.

Cube Patent Case Appealed by Agicide

Appeal was filed July 30 by the Agicide Laboratories, Milwaukee, Wis., from the decision of Federal Judge Geiger, delivered June 3 in that city, which upheld the validity of the William J. Dennis patent covering the use of cube root "with its fibrous material removed," as an insecticide, both as a dust and as a spray. The decision was rendered as the result of an action brought by William J. Dennis, the American Cube Syndicate, and Frank F. Stamberg, doing business as the American Crop Protection Company, against L. E. Pitner, Lawrence W. Scudder, and Arthur J. Olsen, copartners, doing business as the Agicide Laboratories.

Since the Agicide Laboratories processed cube root without its fibrous material being removed, the defendants claim that they have not in fact infringed the Dennis patent which covers the use of cube root "with its fibrous material removed."

Prior to the decision of the court, attorneys for the Agicide Laboratories filed with the court a memorandum in which they took exceptions "to the

—*Continued on page* 50

W.M. Bristol Heads World Fair Exhibitors

William McLaren Bristol, jr., vice-president of the Bristol-Myers Company, has been named chairman of a committee representing ten nationally advertised drug products who will sponsor a co-operative exhibit in the New York World Fair, emphasizing the scientific background of their products.

W. M. Bristol, jr.

The exhibit will occupy an entire section of the Hall of Pharmacy building located on the World Fair theme center. The Hall of Pharmacy building, to be designated "The Show Globe—Hall of Pharmacy" will house the exhibit of the entire drug industry and will be divided into three sections—the story of pharmacy, the drug store as the community first-aid center, and the family medicine chest.

The drug industry's building and exhibits will involve an expenditure of approximately $1,000,000. The plans will be developed and carried out by the Committee of the Drug Industry's Participation in the New York World Fair of which Joseph A. Huisking, of Charles L. Huisking & Co., is chairman. Responsibility for designing the interiors of the building and managing the project has been assumed by a service corporation, "The Show Globe, Inc." Earle A. Meyer, formerly executive secretary of the advisory committee on advertising of the Proprietary Association, is president of the corporation. Harvey Wiley Corbett, architect, who served as chairman of the board of design of the Century of Progress Exposition and who was consultant in planning Radio City will act as chairman of the board.

Commerce Dept. Forms Business Review Division

OPD Washington Bureau
August 3, 1938

A division of business review has been formed through regrouping certain sections of the Bureau of Foreign and Domestic Commerce. M. Joseph Meehan, a native of Auburn, N. Y., has been appointed chief of the new division.

This division will have as a major responsibility the assembly, analysis, and dissemination of data on general business conditions. It will also conduct a continuing study of the current fluctuations in activity, for the purpose of providing the business community, the Department of Commerce and other agencies with comprehensive reports which can be utilized as a guide to current operations. Part of this work will embrace a study of the available data on United States foreign trade.

Monopoly Probe Aims Primarily at Prices

OPD Washington Bureau
August 4, 1938

The Temporary National Economic Committee, conducting the so-called "monopoly investigation," has not yet scheduled public hearings nor announced the course of scope of its inquiry, but the various government agencies which are co-operating are at work on preliminary studies.

Officials in charge have stated that the object will not be to uncover violations of the antitrust laws nor to embarrass business men, but to develop a new government policy toward business as a whole, including competition, trade practices, price policies, and the stabilization of production and employment. There will be many ramifications and by-products of the investigation, but, judging from public statements and speeches of prominent members of the committee, the chief objective will be to discover and remove the reasons why prices of many industrial commodities fail to fluctuate with demand.

This rigidity of industrial prices has been criticized by many administration

—*Continued on page 42*

Price Laws Survey To Be Extended

OPD Washington Bureau
August 4, 1938

The marketing laws survey of the Works Progress Administration is being enlarged from its original scope and will be speeded up, it is learned from reliable sources.

Officials in charge of the survey refuse to discuss the pending plans, but WPA officials have been in conference on the plans for some time, and an announcement may be made shortly. It is understood that the budget for the project will be greatly expanded from the original $500,000 allotment, and figures as high as $5,000,000 have been mentioned. The belief is that the survey will be made an important part of the monopoly inquiry by the Temporary National Economic Committee. Leon Henderson, WPA economist, is also executive secretary of the economic committee.

The survey is to study the effects of State and Federal laws affecting retailing, including resale price-maintenance, below-cost sales, Robinson-Patman act, chain store faxes, and similar subjects. One report is that work will begin in September, employing 8,500 "white collar" workers and many State agencies, making statistical studies and house-to-house canvasses to obtain the experiences of store managers and householders.

Phosphate Hearing Told Prices Are Too High

Pocatello, Idaho, Aug. 4, 1938

The joint congressional committee investigating the phosphate situation convened in the Federal building here July 20. Sitting were Senator James P. Pope, Idaho, chairman; Senator Claude Pepper, Florida; Representative Francis H. Case, South Dakota; Representative Charles H. Leavy, Washington, and Representative J. Hardin Peterson, Florida.

Senator Pope stated that the Eastern phosphate deposits could not be conserved until the Western deposits are developed. It was also emphasized that he desired co-ordinated development of power and phosphates in the West. Hearings without date were announced to be held in the Tennessee Valley and in Florida, probably in November, with final hearings in Washington prior to the submittal of the joint committee's report which is due in February.

J. D. Ross, general manager for the Bonneville Dam project, emphasized that it would not be sufficient to trnasmit Bonneville or Grand Coulee power to the phosphate beds; that there should be a power development in southeastern Idaho near those beds to make a market for power. His idea is to develop a vast unified Columbia Valley power system, including all public projects in Washington, Oregon and Idaho. He stated that not only should phosphates be manufactured, but nitrates.

William B. Daly, manager of mines

—*Continued on page 64*

Mexico Export Tax Bill Passed

Mexico City, Aug. 3, 1938

A bill calling for an export tax of 12 percent was reported to have been sent to President Lazaro Cardenas for signature and promulgation. This tax, designed to obtain revenue quickly for Mexico, will be levied against all exports, including minerals.

F.D.A. Studying Cosmetic Industry

OPD Washington Bureau
August 4, 1938

A study of problems of the cosmetic industry is being made by inspectors of the Food and Drug Administration with the view of mapping an intelligent enforcement program for the cosmetic sections of the new food and drug law.

With the consent of executives in the industry, field men are visiting a number of cosmetic factories to observe manufacturing methods, and their findings will be used in drafting regulations and setting up the administrative machinery to be used by the administration. Officials have not yet determined such questions as whether to establish a separate cosmetic division within the administration, whether cosmetic analysis can best be conducted in existing laboratories or in one specially equipped, and whether present methods of certifying coaltar colors are suitable to the cosmetic business.

When the act becomes generally effective next June the administration will have authority to inspect cosmetic factories, as well as drug and food factories, a practice which is widely used at present with the consent of the proprietors. These factory inspections, however, will be an incidental method of obtaining information of alleged violations, since actions will be brought against goods moving in interstate commerce or against the shippers or owners of the goods, and the inspectors will have no power to interfere with factory operations themselves.

Tax Revision Plans Are Still Indefinite

OPD Washington Bureau
August 4, 1938

A search for possible new sources of revenue is being made by the Treasury Department for submission to Congress next Winter, and many proposals are being studied to determine probable yields.

To date treasury officials have not decided whether or not to recommend extension of the various "nuisance" excise taxes due to expire next June. Most of these were imposed in the revenue act of 1932 for a two-year period, but have been continued by various subsequent laws, although from time to time a few have been dropped or modified. Among those remaining are taxes on gasoline and toilet articles, and the total group yields a revenue in excess of $400,000,000 annually. In 1937, shortly before these taxes were due to expire, the Treasury Department strongly urged their continuance for an additional two years, on the ground that the revenue was much needed, and it is expected that the deficit will be as next Spring as two years ago.

Calcium Chloride Producers Charged With Price-Fixing

OPD Washington Bureau
August 4, 1938

Four producers of calcium chloride and the trade association of the industry are charged in a complaint issued by the Federal Trade Commission with engaging in a conspiracy to fix prices and with using other unlawful methods to restrain and eliminate competition in the sale of their product.

The respondent companies, alleged in the complaint to control substantially the entire domestic output of calcium chloride, are the Columbia Alkali Corporation, Barberton, Ohio; the Dow Chemical Company, Midland, Mich.; the Michigan Alkali Company, Wyandotte, Mich.; and the Solvay Process Company, Syracuse, N. Y., with its wholly owned subsidiary, the Solvay Sales Corporation. The trade association involved is the Calcium Chloride Association, Detroit.

The producers, acting directly and through their trade association, allegedly with the purpose of better effectuating their agreement to fix and maintain uniform prices, are charged with having (1) maintained a uniform zoning system for the United States; (2) suggested retail prices to their individual dealers or distributors; (3) exchanged information with reference to the prices each charges for calcium chloride and concerning their yearly distribution of the product; (4) changed simultaneously, in the same amounts, their sales prices, and (5) offered identical bids for carload and less than carload lots of their product to prospective purchasers. It is further alleged that since 1937 the respondents have, by agreement, eliminated cash discounts for prompt payment by purchasers of calcium chloride.

Operating expenses of the respondent Calcium Chloride Association, the complaint charges, are prorated among the member companies according to the estimated yearly income of each, the Dow Chemical Company and the Solvay Sales Corporation each paying 32.5 percent, and the Columbia Alkali Corporation and the Michigan Alkali Company, 17.5 percent each. In addition, the Solvay Sales Corporation, the Columbia Alkali Corporation, and the Michigan Alkali Company are alleged to pay into a patent fund of the Calcium Chloride Association $12,500 annually in exchange for the right to use a patented process of manufacturing calcium chloride owned by the Dow Chemical Company.

According to the complaint, when the 1938 budget of the respondent association was increased, the members made identical raises in calcium chloride prices.

The complaint avers that the acts and practices alleged have hindered and prevented price competition between and among the respondent companies; have placed in them the power to control and enhance prices; have created in them a monopoly in the sale of calcium chloride; and constitute unfair methods of competition within the intent and meaning of the Federal Trade Commission act.

The respondents are allowed twenty days to answer the complaint.

Cosmetic Ad Claims Criticized by T.G.A.

Negotiations between the executive board of the Toilet Goods Association and the National Retail Dry Goods Association have resulted in an understanding between the two organizations with respect to the labeling and advertising of cosmetics as these are affected by the Wheeler-Lea amendment to the Federal Trade Commission act and the Copeland food, drug, and cosmetic act.

Recognizing the need of their members for guidance with respect particularly to advertising copy, the two associations advise that careful study be made of the principles of complaints, stipulations, and orders of the Federal Trade Commission and that advertising claims or implications be carefully scrutinized to avoid statements which are indicated by the commission's utterances to be disapproved by it.

Pointing out that, while a statement of the virtues of a cosmetic may be unacceptable for the majority of products, it may be permissible in individual instances where special proof is available, the Toilet Goods Association advises that certain claims not be published or distributed unless approved by its board of standards or sufficiently corroborated by the advertiser. Among these claims it has reached an understanding with the National Retail Dry Goods Association that the following are subject to caution:—

1. Claims that any preparation may be utilized to attempt to prevent baldness and loss of hair. (Such statements may be acceptable when accompanied by instructions for adequate massage with the preparation to stimulate flow of blood to the scalp.)
2. Claims that any preparation which can be applied to the skin as a cosmetic or utilized as a mouthwash is antiseptic unless it is a germicide. (Except certain preparations which, if utilized as a wet dressing, ointment, or dusting powder, or in such other use as involves prolonged contact with the body may prevent infection.)
3. Claims that any powder will not clog the pores.
4. All claims for vitamins in cosmetics. (This matter is now under investigation by the Federal Trade Commission and the Food and Drug Administration.)
5. All claims for hormones in cosmetcs.

—*Continued on page 50*

Chemical Corporations Income in 1936

Corporation returns for 1936 in the preliminary report of the Bureau of Internal Revenue on statistics of income afford the following comparison with the preceding year with respect to corporations in the field of chemicals and related products:—

	All corporations.	Reporting net income.	Reporting no net income.
Number of returns—			
1936	7,175	3,305	*3,507
1935	7,869	3,156	†4,350
Gross income—			
1936	$3,924,960,000	$3,649,346,000	$275,614,000
1935	7,448,252,000	4,545,732,000	2,882,520,000
Net income—			
1936	.....	188,475,000	.....
1935	.....	366,128,000	.....
Deficit—			
1936	.....	.....	18,764,000
1935	.....	.....	114,331,000
Total tax—			
1936	.....	65,142,000	.....
1935	.....	51,269,000	.....

* 363 inactive corporations reported no net income.
† 463 inactive corporations reported no net income.

Antitrust Violations Laid to A.M.A.

OPD Washington Bureau
August 1, 1938

A grand jury investigation of the American Medical Association and the Medical Society of the District of Columbia will be instituted in the near future, the Department of Justice has announced, charging these organizations with violating the federal antitrust laws in obstructing the operations of the Group Health Association, a local co-operative medical aid group organized about a year ago among government employees.

The case is expected to have nation-wide ramifications since the department declares that the Washington situation is "typical of what has occurred in other cities throughout the country whenever co-operative health groups have been formed," and already requests have come to the department to institute similar investigations in other cities. The

—*Continued on page 49*

Drug Act Requirements Studied by A.D.M.A.

OPD Washington Bureau
August 3, 1938

Two subcommittees of the technical advisory committee of the American Drug Manufacturers Association have been appointed to draft recommendations to be submitted to the Food and Drug Administration for use in writing forthcoming regulations under the new drug law. The first, headed by Dr. D. M. Copley, of the Norwich Pharmacal Company, is studying the problem of tolerance for the label requirements as applied to small packages of drugs. The other, headed by Edgar B. Carter, of Abbott Laboratories, is concerned with the law's requirement that the presence of arsenic be disclosed on labels. Since a large number of drugs naturally contain traces of arsenic, the subcommittee

—*Continued on page 50*

MALLINCKRODT CHEMICALS

for

COSMETIC MANUFACTURE

Aluminum Chloride: **Unusual purity for minimum irritation.**

Barium Sulfide: **Fine, smooth, uniform particle size.**

Bismuth Subnitrate: **Exceptional whiteness and stability. Absolutely gritless.**

Magnesium Stearate: **Impalpable fineness and smoothness.**

Zinc Stearate: **Fine, white, bulky. Uniformly pure and gritless.**

Mallinckrodt

CHEMICAL WORKS

2nd and Mallinckrodt Sts., ST. LOUIS, MISSOURI **72 Gold St., NEW YORK, N. Y.**

CHICAGO PHILADELPHIA TORONTO MONTREAL

RECEIVED AUG 8 1938 LIBRARY THE CHEMISTS' CLUB

Current Market Quotations

All matter under this heading fully protected by copyright

When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Prices changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, 55 & 110 gls., dms., dlvd..lb. .14 - —
5 & 10 gal. dms., dlvd.....lb. .16 - —
Acetamide, CP, kgs., 1,000 lb. lots, dlvd..lb. .44 - —
tech., kgs, 1,000 lb. lots, dlvd. lb. .39 - —
Acetanilide, tech., 95%, bbls..lb. .29 Nom.
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs, 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¼- —
tanks, dlvd.....lb. .04¾- —
Methyl (see M)
Acetonphenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —
Acetophenetidin, bbls., kegs, 1,000 lbs..lb. 1.00 - —
50 lbs.....lb. 1.02 - —
25 lbs.....lb. 1.05 - —
Acid, abietic, dms., c.l.....08¾- —
l.c.l. .....lb. .09 - .12
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys. .....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys..100 lbs. 14.00 - —
99.5%, bbls.....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
USP, bbls.....100 lbs. 10.25 -10.50
cbys. .....100 lbs. 10.75 -11.00
synth., 99.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.68 - 9.18
USP, al. dms.....100 lbs. 10.25 -10.50
cbys. .....100 lbs. 10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys. .....100 lbs. 4.16 - 4.41
60%, bbls.....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys. .....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10¼- .11¼
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, USP, bbls., 200 lbs..lb. .60 - —
boxes, 25 lbs.....lb. .61 - —
kgs., 100 lbs.....lb. .60 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .22 - .25
Ascorbic, bots., dms.....oz. 3.00 - 3.25
Battery, cbys, c.l., E. works 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -123.00
sks., contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.108.00 -113.00
powd., bbls., contracts, 80 tons, dlvd..ton.111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., ex whse.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
U.S.P., $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 90%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .12 - .12½
Caproic, cns.....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .17½- .18
Chinawood oil, dms.....lb. .15 - .15½
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N. Y..lb. .15¼- .17½
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .22 - —
10,000 lb., lots, one shipt., lb. .22½- —
smaller lots .....lb. .23 - —
kegs .....lb. .23½- —
Acid, citric, anhyd., gran, dms., 10,000 lbs. 1 shipt..lb. .23 - —
smaller lots .....lb. .25½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls. .....lb. .57 - —
Coconut oil, dist., dms.....lb. .09 - .09½
Corn, dist., dms.....lb. .06¾- .07
Cottonseed oil, dist., dms....lb. .06¼- .06¾
tanks .....lb. .0575- —
Cresylic, high-boil, dom., c.l., works, frt. equaled..gal. .73 - —
l.c.l., same basis.....gal. .74 - —
low-boil, dms., c.l., works frt. equaled..gal. .78 - —
l.c.l., same basis.....lb. .80 - —
imported, pale, dms.....gal. .75 - .86½
dark, dms. .....gal. .70 - —
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital))
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l...lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11½- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1320
Fumaric, bbls. .....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .75
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 - —
single bbls. .....lb. .80 - —
fib. dms., 25 lbs.....lb. .81 - —
Gamma, bbls. .....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
Hempseed oil, dms.....lb. .1180- .1225
Hydriodic, 47%, bots.....lb. 2.30 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls. works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys. .....lb. .09 - .0950
48%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60%, lead cbys.....lb. .15 - .1550
Hydrofluosilicic, 30-35%, 420 lb. bbls..lb. .09 - .09½
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10¼- .11¼
plastic grade .....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11¼- .12¼
plastic grade.....lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .43 - .45
USP, VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., dms.....lb. .18 - .20
Laurent's, bbls.....lb. .45 - —
Levulinic, 5lb. bots., works..lb. 2.00 - —
Linseed, oil, dark or light, dms..lb. .1050- .1100
extra white, dist., dms....lb. .12½- .13
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., l.c.l.....lb. .33 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots.....lb. 2.30 - —
dms., 1,000 lbs...lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P., USP, dealers, cbys....lb. .06¼- —
6-lb. bots.....lb. .18¼- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Naphthenic, acidity, 120-200 dms., c.l..lb. .07 - —
210-230, dms., c.l.....lb. .09 - —
240-280, dms., c.l.....lb. .10 - —
Sludge, dms., c.l.....lb. .03 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —
Acid, nitric, 38°, cbys., c.l., E. works..100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP, dealers, cbys....lb. .11¼- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, d. dist., dms.....lb. .0650- .0740
s. dist., dms.....lb. .0590- .0680
Perilla, dist., dms.....lb. .1375- .1425
Phenylacetic, bots. .....lb. 1.75 - 3.00
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys.....lb. .09 - —
USP, 85%, s. g. 1.710, cbys., 180 lbs..lb. .12 - —
50% s. g., 1347, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07¼
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst, cns.....lb. 1.45 - 1.62
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms .....lb. .35 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .40 - .45
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works.....lb. .37 - .41
Soybean oil, dist., dms.....lb. .09 - .09¼
Stearic, distil., double pressed, bgs., dlvd..lb. .11 - .12
single pressed, bgs., dlvd.lb. .10½- .11½
triple pressed, bgs., dlvd..lb. .13¾- .14¾
saponif., double pressed, bgs., dlvd...lb. .11¼- .12¼
triple pressed, bgs., dlvd.lb. .14 - .15
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP., dealers, cbys., lb. .06¼- —
9-lb. bots. .....lb. .16¼- —
consumers, cbys. .....lb. .08 - —
9-lb. bots. .....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., 1,000 lb.-
100-lb. lots .....lb. .90 - —
25-lb. lots .....lb. .93 - —
powd., bbls., 1,000 lbs....lb. .78 - —
smaller lots .....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .27¼- —
smaller quantities.....lb. .27¾- —
kgs. .....lb. .28¼- —
Tobias, bbls. .....lb. .65 - —
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs, works....lb. 2.85 - 3.10
tech., kgs., works.....lb. 1.90 - 2.00
Aconite, leaves, bls.....lb. .25 - .26
Root, bls.....lb. .28 - .30
Aconitine, amorph., bots.....oz. 17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots.....oz. 30.00 - —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar 1, bls.....lb. .85 - .90
2, bls. .....lb. .80 - .85
3, bls. .....lb. .63 - .65
Agaric, white, bls.....lb. 3.00 - 3.20
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld....lb. .13 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
lots..lb. .88 - —
smaller lots, same basis, lb. .18 - —
light, dom., flake, dms., f.o.b., Chicago., frt. alld. lb. .52 - .60
import, bgs. .....lb. .50 - —
Egg, ed., dom., cryst., bbls., lb. .80 - .82
dom., pwd., dms., bbls., lb. .85 - .87
import, cs.....lb. .80 - —
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .116 - —
l.c.l., frt. alld.....lb. .126 - —
tanks, frt. alld.....lb. .106 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09¼- .10
l.c.l., same terms.....lb. .10 - .10½
tanks, same terms.....lb. .08¼- .09
Benzyl, cans.....lb. .68 - —
drums .....lb. .63 - —

Acacia—Alum

Alcohol, butyl, normal, dms., c.l., frt. alld..lb. .09½- —
l.c.l., frt. alld.....lb. .10 - —
tanks, frt. alld.....lb. .08½- —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l., dms.....lb. .95 - —
import, 85%, 100 lb. dms...lb. .55 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots. .....lb. 2.00 - 2.90
Denatured, CD14, dms., c.l., works, E..gal. .33 - —
l.c.l., works, dms., to jobbers..gal. .36 - —
works, dms., to dealers and industrial accounts, gal. .38 - —
tanks, E., works.....gal. .25 - —

Prices for territories other than E. of Rockies, 3c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works..gal. .30 - —
19 bbls., E. works...gal. .32 - —
1 to 18 bbls., E. works, gal. .35 - —
tanks, E. works.....gal. .24 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt., alld..lb. .11½- —
l.c.l., frt. alld.....lb. .12 - —
tanks, dlvd. .....lb. .10½- —
tech., contract, dms., c.l., frt. alld..lb. .10½- —
l.c.l., frt. alld.....lb. .11 - —
tanks, dlvd. .....lb. .09½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.56½- —
19 bbls. .....gal. 4.58½- —
1 to 18 bbls.....gal. 4.61½- —
dms., c.l. .....gal. 4.55½- —
19 dms. .....gal. 4.57½- —
1 to 18 dms. .....gal. 4.60½- —
tanks .....gal. 4.49½- —
absolute, dms., c.l.....gal. 4.88 - —
19 dms. .....gal. 4.90 - —
1 to 18 dms.....gal. 4.93 - —
Grain alcohol 25c. per gal. higher
Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest..gal. .33½- —
l.c.l., same basis.....gal. .38½- —
tanks, same basis.....gal. .28½- —
99%, dms., c.l., same terms, gal. .36 - —
l.c.l., same terms....gal. .41 - —
tanks, same terms.....gal. .31 - —
Methyl (see Methanol)
Phenylethyl, bots., cns.....lb. 2.70 - 4.25
Propyl (see Isopropyl)
Propyl, normal, dms., works, gal. .70 - —
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., dlvd..lb. .20 - —
5 and 10 gal. dms., dlvd...lb. .22 - —
Aletris root, bgs.....lb. .38 - .39
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .20 - .22
Curacao, cs.....lb. .35 - .37
gourds, bbls.....lb. .50 - .55
Socotrine, kgs.....lb. .45 - .50
Aloin, 140-lb. bbls.....lb. 2.50 - —
100-lb. kgs.....lb. 2.52 - —
25-lb. fib. dms.....lb. 2.59 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bbls....lb. .30 - .32
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.15 - 2.40
dlvd. N.Y. Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.40 - 3.65
dlvd., N.Y., Phila..100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.55 - 3.80
dlvd. (N. Y., Phila..100 lbs. 3.55 - —

Alum—Black, Lamp

Alum, ammonia, powd., bbls, works..100 lbs. 3.55 - 3.80
dlvd., N. Y., Phila...100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works.. 100 lbs. 3.40- 3.60
dlvd. N.Y., Phila..100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.65 - 3.90
dlvd. N.Y. Phila..100 lbs. 3.65 - —
powd., bbls., works....100 lbs. 3.80 - 4.05
dlvd. N.Y., Phila..100 lbs. 3.80 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls.....lb. .06¾- .06½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00

Alumina acetate, 20% normal solut., bbls., c.l., dlvd..lb. .07½- —
l.c.l., dlvd.....lb. .09 - —
33%, basic solut., bbls., c.l., dlvd..lb. .10 - —
l.c.l., dlvd.....lb. .12 - —
basic powd., bbls., dlvd.....lb. .40 - —
smaller containers, dlvd. lb. .50 - —
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .06 - —
12,000 to 49,000 lbs., works..lb. .07 - —
1,100 to 11,000 lbs., works..lb. .08 - —
140 to 875 lbs., works..lb. .09 - —
100 lbs., or less, works..lb. .10 - —
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., dms., works.....lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Formate, 30% solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd.....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls.....lb. .03½- —
bgs., c.l.....lb. .0260- —
light, bbls., dlvd.....lb. .12 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton.....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, com'l, bgs., c.l. works, frt. equaled.100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - —
l.c.l., works, frt. equald. 100 lbs. 1.60 - —
iron-free, bgs., c.l., works... 100 lbs. 1.30 - —
l.c.l., works....100 lbs. 1.55 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., works.....100 lbs. 1.75 - —
Aluminum, 98-99%, c. l.....lb. .20 - —
l.c.l. .....lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .65 - —
ink, dms., 1,500 lbs....lb. .75 - —
standard, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .92 - —
standard, dms., 1,500 lbs.lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1500 lbs..lb. .42 - —
rubber compound, dms., 1,500 lbs..lb. .40 - —
unpolished, dms., 1,500 lbs.lb. .37 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs.lb. .42 - —

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 10c. per lb. higher for less than 200 lbs.; 5c. per lb. higher for 200-400 lbs.; 2c. per lb. higher for 400-1,000 lbs.; and 1c. per lb. higher for 1,000-1,500 lbs.; for partial shipments on contracts, prices are 5c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lbs.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins.....oz. 17.00 -36.00
Aminopyrine, fib., dms., 100 lbs. lb. 4.00 - —
bots., 5 lbs. .....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
dms., dlvd.....lb. .23 - .26
Aldehyde, dms.....lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works..lb. .04½- —
refrigeration, tanks, works..lb. .05 - —
pure, cyls., dlvd., met. N.Y., lb. .16 - .33

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¾- —
l.c.l. .....lb. .03¾- —
tanks (on NH_3 content), dlvd., E..lb. .05 - .05¼
Benzoate, dms., 4,000 lbs. or more..lb. .41 - .42
1,000 lbs. to 3,900 lbs...lb. .42 - .43
900 lbs. or less.....lb. .45 - .46
kgs., 4,000 lbs. or more.....lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .44 - —
Bicarbonate, bbls., c.l., works. 100 lbs. 5.15 - —
l.c.l., dlvd. N. Y....100 lbs. 5.71 - —
Bichromate, bbls.....lb. .32 - —
Bifluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kgs. .....lb. .36 - —
Carbonate, tech., dom., bbls. lb. .08 - .12½
imported, csks. .....lb. .08 - .12½
USP, lump, dms.....lb. .08 - .17
powd., bbls., dms.....lb. .09 - .25
Chloride, tech. (see Ammoniac, salt).
USP, gran., 225 lb. bbls....lb. .12 - .13
100 lb. kgs. .....lb. .15 - —
Citrate, dms.....lb. .80 - —
ns lb, 85
Fluoride, bbls.....lb. .17 - .19
Hydroxide, (see Ammonia, aqua),
Ammonia, hypophosphite, fib., dms..lb. 1.10 - 1.17
jars .....lb. 1.20 -
Iodide, 5-lb. bots.....lb. 3.52 - —
jars .....lb. 3.45 - —
Laurate, bbls, ...lb. .25 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - .15
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Naphthenate, bbls. .....lb. .17 - —
Nitrate, tech., bags., c.l., works...100 lbs. 3.60 - —
l.c.l., works.....100 lbs. 3.85 - —
bbls., c.l., works.....100 lbs. 3.80 - —
l.c.l., works.....100 lbs. 4.05 - —
Oleate, dms.....lb. .14 - .15
Oxalate, neutral, cryst., powd., bbls., kgs..lb. .19 - .20
Perchlorate, kegs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bls. lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fert. grade), 11% N 18% phos. bulk, f.o.b. E. works.. unit-ton. 1.20 & .70
pure, bbls. .....lb. .40 - .45
tech., bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls. .....lb. .15 - —
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.20
Silicofluoride, imp., 350-lb. bbls., f.o.b. N. Y..lb. .09 - —
5 bbls., same basis.....lb. .08½- —
Stearate, anhydrous.....lb. .22 - —
paste .....lb. .07 - —
Sulphate, dom., bulk, c.l., f.o.b. August shipment..ton. 26.75 - —
September shipt....ton. 27.00 - —
October shipt.....ton. 27.25 - —
November shipt....ton. 27.50 - —
December shipt....ton. 27.75 - —
Jan.-June, 1939 shipt., ton. 28.00 - —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 35-40%, basis 100%, dms,. works..lb. .12 - .18
tanks, delvd. .....lb. .11 - —
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works.....lb. .14 - —
smaller lots, works.....lb. .16 - —
pure, 99-100%, kgs. .....lb. .35 - —
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l. 100 lbs. 4.90 - 5.05
import, csks.....100 lbs. 5.00 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .11 - —
l.c.l., frt., alld.....lb. .11¼- —
tanks, works.....lb. .10 - —
ex pentane, dms., frt. alld.lb. .11 - —
l.c.l., frt., alld.....lb. .12 - —
tanks, frt., alld.....lb. .10 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Cinnamic aldehyde, cns.....lb. 2.00 - 2.25
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots. .....lb. 1.00 - 1.05
Angelica root, dom., bls.....lb. .16 - .22
import, natural, bls.....lb. .20 - .33
twisted, bls.....lb. .30 - .40
Angostura bark, bls.....lb. .30 - .31
Anilin oil, dms., c.l.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .14 - .15
Star, bgs.....lb. .13 - .13½
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
seed, bgs .....lb. .07½- .08
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .10¾- —
Needle, powd., ton lots, bulk, lb. .12½- —
bbls. .....lb. .13½- —
Oxide, bbls., c.l.....lb. .11½- —
l.c.l. .....lb. .12¼- —
Salts, 65%, kgs.....lb. .26 - .27
White, pigment, bgs., c.l., Texas works, frt. alld to ½c..lb. .11½- .14¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .16 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots..oz. 4.35 - 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. 32.00 -34.00
Arnica flowers, bls.....lb. .28 - .30
Root, bls.....lb. .35 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08 - .08¾
bbls. .....lb. .08¼- .09
Arsenic, metal, lump, cs.....lb. .40 - .41
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.35 - —
jars .....lb. 5.20 - —
Red, import, cs.....lb. .15¾- .16½
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Asafetida, cs.....lb. .38 - .42
powd., bbls., bxs.....lb. .40 - .41
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton. 30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton. 25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton. 16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .08½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b. N.Y. ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y.lb. .12 - —
l.c.l., f.o.b. N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 33.90 - —
seconds, bgs., c.l., Western shipt. points..ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 51.00 - —
Jet., bgs., c.l., Western shipping points..ton. 30.50 - —
Manjak (see Asphaltum, Barbados)
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .13 - —
tanks, Calif, refinery...ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06¼
Ill., Ind., refinery.....gal. .06¼- —
N. Orleans refinery....gal. .06 - —
Atropine, bots. .....oz. 5.25 - 5.80
Sulphate, bots. .....oz. 2.85 - 2.90
cns. .....oz. 2.80 - —

B

Balm of Gilead buds, bgs.....lb. .33 - .35
Barberry bark, bgs.....lb. .20 - .22
Tree bark, bls.....lb. .09 - .10
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%-96%, grd., bgs., c.l., works, ton. 41.00 -43.00
99% thru, 200, mesh bgs., c.l., works..ton. 43.00 -45.00
precip., bgs., c.l., works..ton. 52.50 - —
bbls., works.....ton. 57.50 - —
l.c.l., bgs., works.....ton. 57.50 - —
bbls., works.....ton. 62.50 - —
sulphur-free, bgs., bbls., c.l., works..ton. 57.50 -62.50
Chlorate, kgs.....lb. .16½- .17¼
Chloride, C.P., cryst., bbls..lb. .19 - —
dms. .....lb. .20 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton. 77.00 - —
bbls., same basis..ton. 79.00 - —
l.c.l., bgs., same basis. ton. 90.00 - —
bbls., same basis..ton. 92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. & S. Carolina, Ga., Ala., Miss., Fla..ton. 81.00 - —
bbls., same basis..ton. 83.00 - —
l.c.l., bgs., same basis, ton. 94.00 - —
bbls., same basis..ton. 96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz..ton. 87.00- —
bbls., same basis..ton. 89.00 - —
l.c.l., bgs., same basis, ton. 100.00 - —
bbls., same basis..ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton. 83.00 - —
bbls., same basis..ton. 85.00 - —
bbls., l.c.l., same basis, ton. 96.00 - —
bbls., same basis..ton. 98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .11½- .13
Fluosilicate, bbls.....lb. .11½- .12
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .06¼
Iodide, bots. .....lb. 4.45 - 4.50
Monoxide (see Oxide).
Nitrate, cks. .....lb. .07 - .07½
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 23.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago .....ton. 31.15 - —
Cleveland .....ton. 33.50 - —
New York.....ton. 32.00 - —
paper bgs., c.l., St. Louis, ton. 22.85 - —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex whse., Baltimore. ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.35 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City.....ton. 30.95 - —
Los Angeles.....ton. 42.00 - —
New York.....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 29.30 - —
southern off color, bulk, mines. ton. 12.00 - —
96,75%, bulk, mines.....ton. 16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock, t.a..ton. 25.00 -26.00
l.c.l., ex whse.....ton. 30.00 - —
ungrd., bulk, c.l., ex dock, ton. 13.60 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex whse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71½ Nom.
Bayberry bark, bgs.....lb. .15 - .16
Belladonna leaves, bls.....lb. .13 - .17
Root, bls. .....lb. .12 - .13
Bentonite, 200 mesh, bgs., Wyo. works..ton. 11.00 - —
325 mesh, bgs., Wyo. works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
W. coast, f.o.b., Minnequa, Colo..gal. .16 - —
Benzoyl chloride, dms.....lb. .40 - .47
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.s., f.f.c., cns..lb. .94 - —
dms. .....lb. .89 - —
Chloride, 95-97%, refd., dms., lb. .30 - .40
tech., dms. .....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.20 @ 3.50
Berberine bisulphate, cns.....lb. 16.75 - —
Hydrochloride, cns.....lb. 16.75 - —
Sulphate, cns.....lb. 16.75 - —
Berberis root, bls.....lb. .15 - .16
Betanaphthol, subim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib, dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .20 - .23
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.05 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib, dms.....lb. 1.13 - 1.16
Subcarbonate, bots., cns.....lb. 1.42 - 1.68
fib. dms.....lb. 1.33 - 1.36
X-ray, 5-lb. bots.....lb. 2.42 - —
fib. dms.....lb. 2.36 - —
Subgallate, bots., cns.....lb. 1.42 - 1.66
fib. dms. .....lb. 1.33 - 1.36
Subiodide, cns.....lb. 3.91 - —
fib. dms.....lb. 3.58 - —
Subnitrate, powd., bots., cns. lb. 1.27 - 1.53
fib. dms.....lb. 1.18 - 1.21
Subsalicylate, 82-86%, bxs..lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots....lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots.. lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16¼- —
1. bbls., bgs., c.l., frt. alld. E..lb. .12 - —
l.c.l., frt. alld. E.....lb. .12¼- —
2. bbls., bgs., c.l., frt. alld., E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3. bbls., bgs., c.l., frt. alld. E..lb. .09¼- —
l.c.l., frt. alld. E.....lb. .10 - —
4. bbls., c.l., frt. alld. E..lb. .08¼- —
l.c.l., frt. alld. E.....lb. .09 - —
5. bbls., bgs., c.l., frt. alld. E..lb. .07¼- —
l.c.l., frt. alld. E.....lb. .08 - —
6. bbls., c.l., frt. alld. E..lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7. bbls., bgs., c.l., frt. alld. E..lb. .09 - —
l.c.l., frt. alld. E.....lb. .09¼- —
8. bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10½- —

Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.

Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07½- —
2, bgs., c.l., works.....lb. .03½- —
l.c.l., dlvd.....lb. .10¼- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4 bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail runs A (Gulf ports), for delivery in Nor. Amer. (water freights extra)..lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States).lb. .0319- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States..lb. .0335- —
D (Ill., Ia., Wis.)..lb. .03¼- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)...lb. .0341- —
F (Md., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico) f.o.b. border, lb. .03 - —
f.o.b. N. Orleans, lb. .029 - —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (sellers option) l.c.l., dlvd..lb. .06¼- —
bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full, compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08¼
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .80 - .85
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —

Black, lamp, dom., 5, ctns., c.l., works..lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N.Y...lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y., lb. .04¼- —
B, bbls., works or N. Y....lb. .05½- —

Black dyes are listed under dyes.

Black haw, root bark, bls....lb. .25 - .26
Tree bark bls.....lb. .15 - .16
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton.55.00 - —
l.c.l. .....ton.60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp, 60%%, bulk, c.l., works, ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 3.10 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.10 - 3.25
import, bgs., c.i.f. ports, shipt., unit-ton. 3.25 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .14 - .15
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —

Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Bronze, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg. lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order .....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order .....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts.lb. .36 - —
open order .....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts, lb. .36 - —
open order .....lb. .37 - —
Tungstated, peacock, kegs...lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .11 - —
regular, 1, bbls., works, frt. equaled..lb. .16 - —
2, bbls., same basis....lb. .18 - —
3, bbls., same basis....lb. .19 - —
4, bbls., same basis....lb. .20 - —
5, bbls., same basis....lb. .23 - —
6, cobalt, A, bbls., same basis..lb. .27 - —
B, bbls., same basis.lb. .24 - —
C, bbls., same basis.lb. .23 - —
D, bbls., same basis.lb. .22 - —
7, A, bbls., same basis.lb. .23 - —
B, bbls., same basis..lb. .22 - —
special, 1, bbls., same basis, lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls, same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —

Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.

Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —

Blue dyes are listed under Dyes.

Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs..lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 4.25 - —
16-50 bbls., same basis, 100 lbs. 4.40 - —
6-15 bbls., same basis, 100 lbs. 4.50 - —
1-5 bbls., same basis, 100 lbs. 4.75 - —
Monohydrated, dms., c.l., dealer, f.o.b. works, 100 lbs. 8.65 - 8.90
l.c.l. dealers....100 lbs. 9.65 - 9.90

Bluestone (see Blue vitriol).

Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.27.00 -29.00
c.i.f. Atlantic ports.....ton.27.50 - —
import, bgs., c.i.f., ports.ton.25.00 Nom.
meal, steamed, dom., 2% ammon. 50% phos., bgs., f.o.b. Chicago..ton.23.00 -24.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton.23.00 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.).
steamed, dom., 1½% ammon. 60% phos., bgs., f.o.b. Chicago..ton.19.00 -20.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.21.00 - —

Borage flowers, bls. .....lb. .20 - .21

Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..tons.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..tons.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min. dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse...ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00

Borax, tech., 99½%, powd., sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00

USP, $15 per ton higher.

Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —

Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.

Borneol, bots. .....lb. 1.75 - 2.00
cns. .....lb. 1.50 - —

Brazilwood extract (see Hypernic),

Brimstone (see Sulphur).

Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —

Bromoform, USP, bots.....lb. 1.40 - 1.60

Bromstyrol, bots. .....lb. 3.25 - 4.50

Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50

Broomtop, bls. .....lb. .11 - .13

Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, bbls., works.....lb. .02½- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b. N. Y. or Pa. points..lb. .12¼- —
Brown, Sienna, burnt, Italian, Group 2, bbls., same basis, lb. .11¼- —
3, bbls., same basis...lb. .10¼- —
4, bbls., same basis...lb. .08¾- —
5, bbls., same basis...lb. .08¾- —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .08 - —
8, bbls., same basis...lb. .07¾- —
9, bbls., same basis...lb. .07¼- —
10, bbls., same basis..lb. .06¾- —
11, bbls., same basis..lb. .06¾- —
12, bbls., same basis..lb. .06¼- —
13, bbls., same basis..lb. .06 - —
14, bbls., same basis..lb. .05½- —
raw, American, bbls., works, lb. .02¾- —
Italian, Group 1, bbls., f.o.b., N. Y. or works..lb. .12½- —
Group 2, bbls., same basis, lb. .10¾- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09½- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .07¾- —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
Umber, American, bbls., works, lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y..lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
ex whse., Boston....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04¾- —

Black—Butyl Stearate

Brown, umber, Turkey, bbls., l.c.l., ex whse., Minneapolis, lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .05¼- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .40 - .41
Buckthorn bark, true, bls.....lb. .05 - .05½
Berries, bgs. .....lb. .17 - .18
Burdock root, bls. .....lb. .10 - .10½
Burgundy pitch, dom., bbls., c.l., works..lb. .05½- —
l.c.l., dlvd. E.....lb. .06¼- —
import, stands.....lb. .15 - .16
Butanes, coml., 16-34°, tanks, group 3..gal. .03¾- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt.alld..lb. .10 - —
tanks, contract, frt. alld..lb. .08½- —
secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .33 - —
5 & 10 gal. dms., dlvd....lb. .36 - —
Ether (see under Ether).
Lactate, dms. .....lb. .22¼- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms. .....lb. .26 - —

Command Performance

To Witco every order is a summons to a command performance . . . and the pride we take in seeing that Witco products live up to expectations in performance is your guarantee of quality and uniformity. Why not send for samples and stage a rehearsal of the Witco products listed here —or any other Witco products on which you want proof before use?

- CARBON BLACK
- HYDRO CARBON
- CADMIUM REDS AND YELLOWS

WITCO

WISHNICK-TUMPEER, INC.

Manufacturers and Importers

New York, 295 Madison Avenue • Boston, 141 Milk Street • Chicago, Tribune Tower • Cleveland, 616 St. Clair Ave., N. E. • Harold Wilson & Witco, Ltd., 6 Portman Mansions, Baker Street, London, W. 1, England • Witco Affiliates: • Witco Oil & Gas Company • The Pioneer Asphalt Company Panhandle Carbon Company

BUY DIRECT AND PROFIT DIRECTLY

Butyric Ether—Diphenyl

Butyric ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium bromide, jars, 100 lbs., works, frt. equal'd..lb. 1.66 - —
50 lbs., works.....lb. 1.66 - —
25 lbs., works.....lb. 1.71 - —
bots., 5 lbs., works.....lb. 1.85 - —
Iodide, 5-lb. bots.....lb. 4.21 - —
25-lb. cns.....lb. 3.97 - —
Lithopone (see Yellow)
Metal, cs.....lb. 1.20 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs. or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs.....lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more..lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs.....lb. 2.43 - —
25 lbs.....lb. 2.55 - —
10-lb. cns., 10,000 lbs. or more. lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
1,000 lbs., or more.....lb. 2.35 - —
100 lbs.....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cns., 25 lbs., or more..lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns.....lb. 1.80 - 2.10
Hydrobromine, bots.....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .25 - .26
Calamus root, bleached, cs....lb. .40 - .41
peeled, bls.....lb. .10 - .12
Calcium acetate, bgs.,dlvd.100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06½- .06¾
Southern cotton states, bgs., lb. .06½- .07
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms.....lb. .05 Nom.
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd.ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, flb., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.85 - 3.90
Lactate, U.S.P.,bbls., 200 lbs.lb. .23 - —
Levulinate, bots., less than 25 lbs., works..lb. 3.00 - —
Nitrate, bgs., to fert. mfrs., ex vessels, Camden, N. J., or f.o.b. cars, So. Atlantic ports ton.28.00 - —
Palmitate, bbls.....lb. .22 .23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f. Atlantic ports, shipt..unit-ton. .81 - —
tribasic, c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 65-70%, CaS, wks., c.l..ton.64.00 - —
l.c.l. .....ton.68.00 - —
75% CaS (minus 100 mesh), c.l., works..ton.52.00 - —
l.c.l., works.....ton.56.00 - —
83-85 CaS, c.l., works...ton.58.00 - —
l.c.l., works.....ton.64.00 - —
luminous, dom., tins, works, 100 lbs. .85 - —
Sulphocarbolate,bbls.,200 lbs.lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .35 - .36
Calomel, bbls., flb., dms., kgs., 50 lbs., or more..lb. 1.28 - —
Camphor, natural, powd., cs...lb. .52½- .53
slabs, cs. .....lb. .52½- .53
tablets, tins .....lb. .57 - .57½
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots lb. .47 - —
1,000-lb. lots .....lb. .48 - —
500-lb. lots .....lb. .49 - —
100-lb. lots .....lb. .50 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentine, bgs..lb. .0435- .0460
Morocco, bgs. .....lb. .0445- .0460
Turkish, bgs. .....lb. .0435- .0460
Canella alba bark, bls.....lb. .30 - .31
Cantharides, Chinese, cs.....lb. .60 - .70
powd., bxs.....lb. .70 - .80
Russian, cs. .....lb. .90 - .95
powd., bxs. .....lb. 1.15 - 1.20
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .06⅞- .07¼
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
tanks, same basis.....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Carbon, tetrachloride, 55-gal. or 110-gal. dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R..lb. .05¼- —
l.c.l., same basis.....lb. .06¾- —
10-gal. dms., c.l. (20 tons), same basis..lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid, 1½c. lb. higher.
Cardamom, bleached, cs.....lb. 1.30 - 1.65
decorticated, cs. .....lb. .78 - .80
green, bgs. .....lb. .50 - .52
Carvol, bots. .....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .10 - .11½
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .09 - —
5 tons, works.....lb. .10½- —
smaller lots, works.....lb. .11½- —
80-100 mesh, bgs., c.l., dlvd., lb. .09½- —
5 tons, works.....lb. .11 - —
smaller lots, works.....lb. .12 - —
Import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .12 - —
80-100 mesh, bgs., c.l. duty paid..lb. .12½- —
French, 30 mesh, bgs., c.l., duty pd..lb. .17 Nom.
Cassia, Batavia, 1, bgs.....lb. .16¼- .16½
3, bls. .....lb. .10¼- .10½
shortstick, bls.....lb. .12⅜- .13
China, rolls, select, cs.....lb. .07 - .07¼
broken, extra, bls.....lb. .04½- .04¾
Saigon, bls.....lb. .15 - .15½
Cassia buds, cs.....lb. .15¼- .15¾
Cassia fistula, bskts.....lb. .07 - .09
Castile soap, white, bars., cs., 40 lbs.11.75 -12.50
powd., bbls. .....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots. .....lb.19.00 — —
Castor oil (see Oil, castor).
Pomace, dom., 5% ammon., bgs., c.l., works..ton.18.50 - —
import, bgs., c.i.f., ports, shipment..ton.21.00 - —
Catnep leaves, bls. .....lb. .17 - .18
Celery seed, French, bgs.....lb. .13⅜- .14
Indian, bgs. .....lb. .11⅜- .12
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., frt. alld..lb. .40 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
101 lbs., works.....lb. .53 - —
smaller lots, works.....lb. .55 - —
Acetopropionate, 500 lbs. and over, works..lb. .57 - —
100-499 lbs., works.....lb. .58 - —
1-99 lbs., works.....lb. .60 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works .....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .19 - .20
Roman, bls. .....lb. .27 - .28
Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N.H., R. I., Vt. .....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis.ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex., ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls. .....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l. wks..lb. .02 - —
l.c.l., bbls., wks.....lb. .02¼- —
tanks, wks.....lb. .01⅝- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works....ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works, ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
Import, white, lump, bulk, c.l., ex dock Balto, Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse. .....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .83 - .92
500 lbs.....lb. .86 - .96
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.03
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05½- —
contracts, dlvd., N.Y....lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equaled..100 lbs. 2.15 - —
tanks, multiple unit, 3 or over, wks., frt. equald..100 lbs. 2.30 - —
2, works, frt. equaled.100 lbs. 2.55 - —
1, works, frt. equald..... 100 lbs. 3.00 - —
Chloroacetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml, 100-lb. cyls., works..lb. .85 - —
5-lb. cycls., same basis..lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8% cs., bbls.....lb. .05 - .08
Cake, bulk, c.l., works.....ton.15.00 -16.00
Green (see Green, chrome).
Oxide (see Green, chrome oxide).
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb 3.25 - 3.30
Cinchona bark, chips, bgs.....lb .18 - .19
high test, bgs.....lb. .37 - .38
quills, broken, bgs.....lb. .18 - .19
long, cs. .....lb. .45 - .50
short, bgs. .....lb. .40 - .45
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2, bls.....lb. .16 - .16½
3, bls. .....lb. .16½- .16¾
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine, ointment, jars, tubes..lb. .75 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.75 - 1.80
Clove, Madagascar, bls.....lb. .14 - .14¼
Zanzibar, bls.....lb. .16½- .17
Clover tops, bgs.....lb. .13 - .14
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .65 - .67
Carbonate, tech., bbls., dlvd..lb. 1.63 - —
Chloride, dms., works.....lb. 1.03 - 1.18
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Cobalt oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused, A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .15 - .16
Cocoa butter, lump, bgs., c.l..lb. .12 - .12½
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs.oz. 10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .08 - .09
Blue, root, bls.....lb. .07 - .07½
Colchicine, bots., 4 ozs.....oz.20.00 - —
single ozs. .....oz.21.00 - —
Colchicum seed, bgs.....lb. .25 - .27
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .25 - .29
Colombo root, bls.....lb. .10 - .11
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .17 - .18
Copaiba balsam, Para, cns....lb. .24 - .25
S.A., USP, cns.....lb. .26 - .27
Copper acetate, normal, bbls., dlvd..lb. .21 - —
smaller containers, dlvd..lb. .23 - —
Carbonate, 52-54%, bbls.....lb. .14 - .15
20%, bbls.....lb. .10½- .11½
Chloride, cryst., bbls.....lb. .12½- .13½
Cyanide, tech., bbls.....lb. .34 - —
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .10¼- —
Nitrate, cryst., bbls.....lb. .1620- .17
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .14⅜- .15¼
smaller lots, works.....lb. .15⅜- —
red, com'l, 50-75%, kgs., f.o.b. N. Y...lb. .15¼- .16¼
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.16.00 - —
bbls., c.l., works.....ton.18.00 - —
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.13.00 - —
Copra, Coast, shipt.....lb. .0190 Nom.
Coriander seed, Morocco, bgs..lb. .0480- .0500
bleached, bgs. .....lb. .07¾- .08
Corn sugar, tanners, bbls., c.l., dlvd..100 lbs. 3.10 - —
ex whse.....100 lbs. 3.20 - —
Syrup, 42°, bbls., c.l.....100 lbs. 3.04 - —
43°, bbls., c.l.....100 lbs. 3.00 - —
Cornsilk, bls.....lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs., or more..lb. 1.13 - —
gran., powd., dms., 50 lbs., or more..lb. .99 - —
Cottonroot bark, bls.....lb. .11 - .12
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd..unit-ton. 1.10 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .22 - .23
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .14 - .15
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .21¾- —
smaller lots, bbls.....lb. .22¼- —
kgs. .....lb. .22¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Creosote oil, crude, tanks, works, gal. .13½- .14½
Coaltar solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works, gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .10½- —
l.c.l., same basis.....lb. .11 - —
special resin grade, dms., c.l., works..lb. .09¼- —
l.c.l., same basis.....lb. .09¾- —
Crotonaldehyde, 97%, 55 and 110 gal. dms., dlvd..lb. .22 - —
5 and 10 gal. dms., dlvd..lb. .25 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .25 - .26
2,000 lbs. to 10,000 lbs..lb. .26 - .27
1,000 lbs. to 2,000 lbs..lb. .27 - .28
200 lbs. to 1,000 lbs.....lb. .29 - .30
4% rotenone prices are 4c. per lb. less.
Cube root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs.....lb. .27 - .28
powd., cs. .....lb. .30 - .31
Culver's root, bls.....lb. .17 - .18
Cumin seed, Algerian, bgs....lb. .09½- .10
Morocco, bgs. .....lb. No stocks.
Cutch, Philippine, extract, solid bags..lb. .04¼- .04½
Cyanamid, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit..lb. 1.15 - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
75%, gran., dms.....lb. .15 - —

D

Damiana leaves, bls.....lb. .15 - .16
Dandelion root, German, bls..lb. .14 - .15
Deertongue leaves, bls.....lb. .09 - .09½
Degras, common, dom., bbls...lb. .07¾- .08¼
English, bbls.....lb. .07¾- .08¼
neutral, dom., bbls.....lb. .11 - .15
English, bbls.....lb. .11 - .15
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .34 - .38
2,000 lbs., to 10,000 lbs..lb. .35 - .39
1,000 lbs. to 2,000 lbs. lb. .36 - .40
Derris root, powd., 5% rotenone, f.o.b. N. Y., 200 lbs., to 1,000 lbs..lb. .38 - .42
4% rotenone prices are 6c. per lb. less
Derris root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.70 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.90 - —
corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.45 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.65 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.40 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.60 - —
Potato, import, bgs.....lb. .07¼- .08
Diacetone (see under Alcohol).
Diamyl ether, dms., c.l., works, lb. .083 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .20½- —
l.c.l., dlvd.....lb. .21 - —
tanks, dlvd.....lb. .19¼- —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
Import, bgs., c.l., c.i.f.....ton.30.00 - —
Dibutylamine, dms., l.c.l., works, lb. .55 - —
Dibutyl phthalate, dms., c.l., dlvd..lb. .20½- —
l.c.l., dlvd. .....lb. .21 - —
tanks, dlvd. .....lb. .19¼- —
Tartrate, dom., dms.....lb. .45 - .54
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Diethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., works .....lb. .25 - —
tanks, works .....lb. .23 - —
Diethyl carbonate, coml., dms.lb. .25 - —
refd., 99%, dms. .....lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works .....lb. .14 - —
tanks .....lb. .12 - —
Diethylanilin, dms. .....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works .....lb. .17 - —
Monobutylether, dms., works.lb. .23 - .24
Diethylene glycol monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Digitalis, leaves, dms.....lb. .42 - .45
Diglycol laurate .....lb. .23 - —
Diglycol oleate, light, bbls.....lb. .20 - —
Diglycol stearate .....lb. .25 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs.....lb. .09 - .09½
Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd. .....lb. .19 - —
Dimethylamine, dms., c.l., dlvd. lb. 1.00 - —
l.c.l., dlvd. .....lb. 1.05 - —
tanks, dlvd. .....lb. .17½- —
Dimethylanilin, dms., c.l.....lb. .26 - —
l.c.l., dms. .....lb. .27 - —
Dimethylethyl carbinol (see Carbonol).
Dinitrobenzene, bbls, 89° min., lb. .18 - —
Dinitrochlorobenzene, bbls.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls. .....lb. .22 - —
Dinitrotoluene, dms.....lb. .15½- —
oily, dms.....lb. .09 - —
Diorthotoluolguanidins, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .20 - .25
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls.....lb. .81 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00

Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls.....lb. .05¾- .06¾
Doggrass root, cut, bls.....lb. .11 - .12
Dogwood bark, dom., bls.....lb. .07 - .08
Jamaica, bls.....lb. .06 - .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .80 - .85
Duboisine sulphate, vis.....oz.84.50 -35.00
Dyes, coaltar, for coloring foods (certified colors) (numbers are those of Colour Index scale):—
Blue:—
Brilliant blue FCF, cans..lb.13.50- —
1180 Sodium indigo disulphonate, cns..lb.13.50- —
Green:—
Fastgreen FCF, cns.....lb.27.50- —
666 Guinea green B., cns. lb.13.50- —
670 Light green SF, yellowish, cns..lb.17.50- —
Red:—
184 Amaranth, cns.....lb. 3.15- —
773 Erythrosin, cns.....lb.17.50- —
80 Ponceau 3R, cns.....lb. 6.00- —
Ponceau SX, cns.....lb. 3.75- —
Orange:—
150 Orange I, cns.....lb. 2.90- —
Yellow:—
10 Naphthol yellow S, cns..lb. 8.50- —
Sunset yellow FCF, cns.lb. 3.15- —
640 Tartrazin, cns.....lb. 3.15- —
22 Yellow AB, cns.....lb. 2.65- —
61 Yellow OB, cns.....lb. 2.65- —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. 1.00 - —
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered.lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct cast scarlet.....lb. 2.00 - 2.25
304 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.40
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .35 - .50
1177 Indigo, 20 p. c. paste..lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives..lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green.....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
76 Sudan II.....lb. 1.05 - —
238 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenezene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or ware house).
Black:—
864 Nigrosin.....lb. .40 - —
Blue:—
729 Victoria blue.....lb. 2.35 - —
860 Indulin.....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoldin G.....lb. .95 - —
21 Chrysoldin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet .....lb. .70 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin .....lb. .36 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.60 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.60 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Dyes, coaltar, for stains (numbers are those of Colour Index scale):
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
6 6 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Water-soluble:—
Red:—
31 Amidonaphthol red G. lb. .42 - —
37 Amidonaphthol red 6B. lb. .68 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .55 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A....lb. .60 - —
Water-soluble:—
Red:—
252 Brilliant crocein M..lb. .68 - —
677 Fuchain .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
798 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
685 Acid violet 4BN....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartarzin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls .....lb. .20 - .21
Egg albumen (see Albumen)
yolk, bbls.....lb. .64 - .66
Elder flowers, bright, bls.... .lb. 20 - .22
Elecampane root, bls.....lb. .10 - .11
Elm bark, grinding, bls.....lb. .10 - .11
powd., bbls., bxs.. ..... lb 20 21
select bndls .....lb. 25 - 2d
Emetine hydrochloride, bots..oz.13.50 -14.00
Ephedra, bls.....lb. .28 - .29
Ephedrine, tins, 1,000 ozs....oz. 2.50 - —
tins, 100 ozs. .....oz. 2.65 - —
Hydrochloride, tins 1,000 o- oz. 1.75 - —
tins, 100 ozs. .....lb. 1.90 - —
Sulphate, cryst., 1,000 ozs...oz. 1.75 - —
tins, 100 ozs. .....lb. 1.90 - —
Epsom salt, tech., bgs....100 lbs. 1.85
bbls. .....100 lbs. 1.90 -
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 -
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - -
smaller lots.....lb. 2.50 - -
bbls., c.l.....lb. 2.10 - -
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.35 - -
smaller lots.....lb. 2.60 - -
kgs., c.l.....lb. 2.35 - -
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.60 - —
smaller lots.....lb. 2.85 - —
dried, dom., bgs., l.c.l...lb. .68 - .10
Ergot, USP, cs., dms.....lb. 1.70 - 1.75
Eserine, bts.....oz.42.00 - —
Salicylate, bots.....oz.33.00 -34.00
Sulphate, bots.....oz.30.00 - —
Ether, acetic (see Ethyl acetate)
Butyl, dms., l.c.l., dlvd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .08 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, 85 p.c., dms., c.l., frt. alld..lb. .06½- —
l.c.l., frt. alld.....lb. .07 - —
tanks, frt. alld.....lb. .05½- —
99 p.c., dms., c.l., frt. alld., lb. .07¼- —
l.c.l., frt. alld.....lb. .07¾- —
tanks, frt. alld.....lb. .06¼- —
N. F., VI, 99%, dms., 400 lbs. lb. .08½- —
cns., 35 lbs.....lb. .13½- —
USP, VIII, 90%, dms., 400 lbs. lb. .07½- —
cns., 35 lbs.....lb. .12½- —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms. .....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55 and 110 gal. dms., dlvd..lb. .33 - —
5 and 10 gal. dms., dlvd...lb. .36 - —
Formate, cns., dms.....lb. .23 - .24
Iodide, bots.....lb. 5.01 - —
Lactate, 55-gal. dms., works..lb. .33½- —
5-gal. dms., works.....lb. .37½- —
Oxalate, dms., frt. alld.....lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld..lb. .6440- —
100 lbs., frt. alld.....lb. .6930- —
smaller lots, works.....lb. .7425- —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0545- .05½
West of Rockies, same basis..lb. .0595- .06
l.c.l., works, E. of Rockies, frt. alld..lb. .0644- .06½
West of Rockies, same basis..lb. .0694- .07
Ethyleneglycol, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .17 - .20
tanks .....lb. .15 - —
Monobutylether, dms.. c.l., works..lb. .18 - —
l.c.l., works.....lb. .19 - .22
tanks, works.....lb. .17 - —
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Monoethylether, acetate, dms., c.l., works..lb. .13 - —
l.c.l., dms.....lb. .14 - —
tanks, works.....lb. .12 - —
Ethyleneglycol, monoethylether, dms., c.l., works..lb. .17 - —
l.c.l., works.....lb. .18 - —
tanks, works.....lb. .16 - —
Ethylidinanilin, dms.....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .06½- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .05½- —
Ethylorthoparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns., dms.....lb. .55 - .57
Eucalyptus leaves, bls.....lb. .08 - .09
bbls..lb. .55 - —
Ethylparatoluenesulphonamide, lb. .12½- .14
Eugenol, bgs., cns.....lb. 1.90 - 2.15
Euphorbia, bls.....lb. .05 - .06

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
glass, 20 mesh, bulk, works.ton. 9.75 -13.25
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .07½- .08
Indian, bags.....lb. .07½- .07¾
German, large, bgs.....lb. .18 - .19
small bgs.....lb. .13 - .14
Fenugreek seed, bgs.....lb. .03¾- .04¼
Ferric sulphate, dms., works.ton.35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .12½- —
smaller lots, works...lb. .13 - —
light, cs., 1,000 lbs. or over, works..lb. .13½- —
smaller lots, works.....lb. .14 - —
water white, cs., 1,000 lbs., or over, works..lb. .14½- —
smaller lots, works...lb. .15 - —
Fir balsam, Canada, cns.....gal.13.00 -14.00
Oregon, bbls.....gal. 1.35 - 1.40
Fish berries, bgs.....lb. .08 - .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. 3.25 & .10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.48.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. cst. factories, contracts..unit-ton. 2.75 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, shipt..ton.43.50 - —
Flake, white, bbls., kgs.....lb. .10¼- —
Fleaseed, French, black, bgs..lb. .13 - .14
Indian, blonde, bgs.....lb. .08 - .08½
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, ton.31.50 - —
Washed gravel, 85-5, f.o.b. Ill.-Ky. mines..ton.19.00 -20.00
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..ton.20.00 -21.00
imported, 85% not over 5% duty paid..ton.23.50 -24.00
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l., works.....lb. .06¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .12 - .13
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import, bgs., c.l., ex dock..ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .05¾- —
l.c.l., works.....lb. .07½- .25
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls.....lb. .09½- .13
solid, dms...:.....lb. .17½- .19¼

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .09 - .10
Gall extract, bbls.....lb. .19 - .20
Gambier, common, bgs.....lb. .06¾- .07¾
plantation, bgs.....lb. .08¼- .09¾
Cubes, Singapore, bgs.....lb. .10½- .11
Extract, bbls.....lb. .06½- .09½
Gasoline at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .07¼- —
65 octane and above, tanks, gal. .07½- —
California, 54-58, tanks...gal. .06¾- .08¼
Gulf Coast, U. S. Motor, bulk, gal. .04¾- .04⅞
60-62, 390 e.p., bulk, export, gal. .04¾- .04⅞
60-62, 400 e.p., bulk, export, gal. .04¾- .04⅞
64-66, 375 e.p., bulk, export, gal. .04⅞- —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04¼- .04½
63-66 octane, tanks....gal. .04½- .04⅝
67-69 octane, tanks....gal. .04⅞- .05
70-72 octane, tanks....gal. .05½- .05¾
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04¼- .04¼
third grade, tanks..gal. .04½- .04¼
63-68 octane, tanks....gal. .04 - —
67-69 octane, tanks....gal. .04⅝- —
70-72 octane, tanks....gal. .04⅞- .05⅛
natural, 12-lb. v. p., tanks, gal. .03¼- .03½
14-lb. v.p., tanks.....gal. .03⅜- —
18-lb. v.p., tanks.....gal. .02⅝- .02¾
22-lb. v.p., tanks.....gal. .02¾- —
26-70 lb., v.p., tanks..gal. .03 - —
Pennsylvania, US motor, below 60 octane tanks... gal. .05 - —
65 octane, tanks.....gal. .06¼- —
52-56 450 e.p., naphtha, tanks..gal. .04¾- .05
Gelatin, silver, cs.....lb. .45 - .50
Gelsemium root, bls.....lb. .11 - .12
Gentian root, bls.....lb. .09 - .10
grd., bbls., bxs.....lb. .12 - .13
powd., bbls., bxs.....lb. .13 - .14
Geraniol, cns., dms.....lb. .67 - 3.00
Geranyl acetate, bots., dms...lb. 1.20 - 2.50
Ginger root, African, bgs.....lb. .07¼- .07⅝
Cochin, lemon, bgs.....lb. .10½- .11
Jamaica, bold, bgs.....lb. .15 - .15¼
grinding, bright, bgs...lb. .11¼- .11½
medium, bold, bgs.....lb. .11⅜- .12
Japanese, bgs.....lb. .09 - .09½
Ginseng fibers, cs. .....lb. 1.75 - 3.00
Root, cultivated, cs.....lb.10.00 -11.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.15
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs.....100 lbs. 1.05 - 1.35

Disodium—Gum, Camphor

Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .18 - —
l.c.l., dlvd. .....lb. .13½- —
36/38, bgs., c.l., dlvd....lb. .13½- —
l.c.l., dlvd .....lb. .14 - —
58/92, bgs., c.l., dlvd....lb. .14½- —
l.c.l., dlvd. .....lb. .15 - —
82/108, bgs., c.l., dlvd....lb. .15 - —
l.c.l., dlvd. .....lb. .15½- —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/164, bgs., c.l., same basis. lb. .16½- —
l.c.l., same basis.....lb. .17 - —
67/122, bgs., c.l., same basis..lb. .17½- —
l.c.l., same basis.....lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
l.c.l., same basis.....lb. .19½- —
83/251,bgs.,c.l.,same basis.lb. .19½- —
l.c.l., same basis.....lb. .20½- —
92/283,ogs.,c.l.,same basis..lb. .20½- —
l.c.l., same basis.....lb. .21½- —
102/315, bgs., c.l., same basis lb. .21 - —
l.c.l., same basis.....lb. .22 - —
113/347, bgs., c.l., same basis lb. .22 - —
l.c.l., same basis.....lb. .23 - —
125/379, bgs., c.l., same basis lb. .23 - —
l.c.l., same basis.....lb. .24 - —
Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., cns., l.c.l.....lb. .16¼- .16¾
dms., c.l.....lb. .14¼- —
l.c.l., ...lb. .14¾- —
tanks .....lb. .14 - —
dynamite, dms, c.l.....lb. .12¾- —
l.c.l. .....lb. .13¼- —
tanks .....lb. .12¼- —
heavy gravity dms., c.l.....lb. .13¾- —
l.c.l .....lb. .14¼- —
tanks .....lb. .13½- —
saponification, basis 88%, dms., returnable, dlvd..lb. .09½- .09¾
soaplye, basis 80%, dms., returnable, dlvd..lb. .08¼- .08¾
Glycol boriborate, dms.....lb. .23 - —
Phthalate, dms. .....lb. .38 - —
Stearate, dms. .....lb. .25 - —
Gold, U.S. purchase price....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 -21.00
yellow, bots. .....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
U.S.P. IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs..lb. .12 - .12½
Goldenseal root, bls.....lb. 3.20 - 3.25
powd., bxs.....lb. 3.35 - 3.40
Grains of paradise, bgs.....lb. .23 - .23½
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works.lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works .....lb. .06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works.....lb. .02¾- —
l.c.l., works .....lb. .03¼- —
80% graphitic carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works .....lb. .04¼- —
Grease, house, trcs.....lb. .05 - .05½
White, trcs.....lb. .05⅞- .06¼
Yellow, trcs.....lb. .05 - .05¼
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, C.P. color content up 5%, bbls., same basis, lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07½- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼ —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
oxide, dom., pure, bbls...lb. .22 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works .....lb. .30 - —
standard grade, bbls., works..lb. .21 - .22
Tetrahydroxide, bbls.....lb. .85 - —
Paris (see P)
Tungstated, brilliant, kgs....lb. 3.50 - —
emerald, kgs.....lb. 2.35 - —
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08 - .09
Guaiac resin, cs.....lb. .27 - .28
strained, cs. .....lb. .90 - 1.00
Wood, bls. .....lb. .04 - .06
Guaiacol, liq., djns.....lb. 1.65 - 1.70
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs. .....lb. 1.05 - 1.10
Gum, aloe (see A).
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .09¼- .09¾
white, sorts, 1, bgs.....lb. .23 - .24
2, bgs.....lb. .21 - .22
powd., bbls.....lb. .12 - .12¼
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .23 - .25
Camphor (see C).

Gum, Chicle—Lecithin

Gum, chicle, prime, 33% moisture, bgs., ton lots..lb. .38 - .39
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .34¾- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
Copal, Congo 2, cloudy, white, bgs., c.l., same basis..lb. .28¾- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .18¼- —
4, pale bold straw, bgs., c.l. same basis..lb. .18¾- —
5, pale straw bold, bgs., c.l. same basis..lb. .14¾- —
6, pale amber bold, bgs., c.l., same basis..lb. .15¾- —
7, pale, straw bold, bgs., c.l., same basis..lb. .12¾- —
8, light amber bold, bgs., c.l., same basis..lb. .11¾- —
9, medium light amber, bold, bgs., c.l., same basis..lb. .09¾- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .09¾- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .07½- —
12, selected bold sorts, bgs., c.l., same basis..lb. .06¾- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05¾- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .17¾- —
15, ordinary ivory sorts, bgs., c.l., same basis.lb. .06⅞- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¾- —
17, pale, fingers, bgs., c.l., same basis..lb. .15⅞- —
18, pale straw nubs, bgs., c.l., same basis..lb. .12¼- —
19, pale straw nubs, bgs., c.l., same basis..lb. .11¾ —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¾- —
21, ordinary selected nubs, c.l., same basis..lb. .07¼- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .06¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .14¼- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .07 - —
26, pale, bold chips, bgs., c.l., same basis..lb. .06¼- —
27, pale small chips, bgs., c.l., same basis..lb. .05⅝- —
28, pale dust, bgs., c.l., same basis..lb. .04⅜- —
East India, Batu, bold scraped, bgs., c.l., same basis, lb. .05 - —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis, lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03¼- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06⅜- —
unscraped, bgs., c.l., same basis..lb. .04⅝- —
nubs and chips, bgs., c.l., same basis..lb. .04⅝- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .12¼- —
chips, bgs., c.l., same basis..lb. .05⅜- —
dust, bgs., c.l., same basis, lb. .03¼- —
nubs, bgs., c.l., same basis..lb. .10 - —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .14½- —
chips, bgs., c.l., same basis, lb. .04¾- —
dust, bgs., c.l., same basis.lb. .03¼- —
nubs, bgs., c.l., same basis.lb. .10 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .11½- —
light, bskts., c.l., same basis..lb. .13¾- —
Loba A, bskts., c.l., same basis..lb. .12 - —
B, bskts., c.l., same basis..lb. .11 - —
C, bskts., c.l., same basis..lb. .10½- —
CNE, bskts., c.l., same basis..lb. .06⅝- —
D, bskts., c.l., same basis, lb. .09¾- —
DK, bskts., c.l., same basis, lb. .06⅝- —
DU, bskts., c.l., same basis, lb. .08⅜- —
dust, bskts., c.l., same basis, lb. .05⅜- —
Sambas and white split chips, bskts., c.l., same basis..lb. .15 - —
Singapore, dust., bskts., c.l., same basis..lb. .06⅜- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .08¾- —
DBB, bskts., c.l., same basis..lb. .08 - —
MA, bskts., c.l., same basis, lb. .06½- —
MB, bskts., c.l., same basis, lb. .06 - —
WS, bskts., c.l., same basis, lb. .05 - —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .06⅝- —
chips, pale, bskts., c.l., same basis..lb. .08½- —
small, bskts., c.l., same basis..lb. .07¼- —
extra pale sorts, bskts., c.l., same basis..lb. .08¾- —
nubs, bskts., c.l., same basis..lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11⅜- —
seeds and dust, bskts., c.l., same basis..lb. .05⅞- —
Pontianak, bold, genuine, bgs., same basis..lb. .16½- —
mixed, bgs., c.l., same basis..lb. .14 - —
chips, bgs., c.l., same basis, lb. .09¾- —
split, bgs., c.l., same basis, lb. .13⅞- —
nubs, bgs., c.l., same basis, lb. .12¼- —
Dammar, Batavia, A, cs. c.l., same basis as copal..lb. .21¾- —
A/D, cs, c.l., same basis.lb. .16¼- —
A/E, cs., c.l., same basis.lb. .13⅝- —
B, cs., c.l., same basis...lb. .20¼- —
C, cs., c.l., same basis...lb. .16⅜- —
D, cs., c.l., same basis..lb. .13¾- —
dust., cs., c.l., same basis.lb. .06 - —
E, cs., c.l., same basis...lb. .07⅜- —
F, cs., c.l., same basis...lb. .07¼- —
Gum, dammar, Singapore 1, cs., c.l., same basis..lb. .16⅜- —
2, cs, c.l., same basis....lb. .10⅝- —
3, cs, c.l., same basis....lb. .05 - —
chips, cs., c.l., same basis, lb. .10⅜- —
dust., cs., c.l., same basis, lb. .05 - —
seeds, cs., c.l., same basis, lb. .07¾- —
Elemi, cns., c.l., same basis as copal..lb. .08⅛- —
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs., lb. .06¾- .07
less than 10,000 lbs., same basis..lb. .07 - .07½
dlvd., western N. Y. and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or stright c.l., lb. .07½- .07½
l.c.l., same basis.....lb. .07½- .08
dlvd., elsewhere, 75,000 lbs., contrs. or straight, c.l. lb. .07½- .08
l.c.l., same basis.....lb. .07¾- .08¼
Euphorbium, cs.....lb. .17 - .18
Galbanum, cs.....lb. .90 - .95
Gamboge, pipe, cs.....lb. .65 - .70
powd., bbls.....lb. .70 - .75
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Gualac resin).
Karava, bbls., bxs., dms....lb. .14½- .23
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, cs., c.l., same basis..lb. .12½- —
pale, XXX, cs., c.l., same basis..lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins.....lb. 2.50 - 2.75
Mastic, cs., c.l., same basis as copal..lb. .55 - .56
Myrrh, USP, cs.....lb. .35 - .36
Olibanum, siftings, bls.....lb. .07½- .18
tears, cs.....lb. .18 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .25 - .26
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .25 - .27
sorts, bgs.....lb. .09¼- .09½
Talha, bgs.....lb. .07½- .08
Thus, bbls.....280 lbs. 14.00 -14.25
Tragacanth, Alleppo 1, cs....lb. 2.65 - 2.70
2, cs.....lb. 2.35 - 2.40
3, cs.....lb. 2.30 - 2.35
4, cs.....lb. 2.25 - 2.30
5, cs.....lb. 2.20 - 2.25
Flake, bgs.....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald.ton. 21.15 - —
Medicine Lodge, Kans., frt. equald..ton. 17.00 - —
New Brighton, N. Y., frt. equald..ton. 27.15 - —
Southard, Okla., frt. equald..ton. 17.00 - —
Sweetwater, Tex., frt. equald..ton. 21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton. 12.50 - —
Blue Rapids, Kans., frt. equald..ton. 12.50 - —
New Brighton, N. Y., frt. equald..ton. 15.70 - —
Brighton, N. Y., frt. equald..ton. 15.70 - —
Southard, Okla., frt. equald..ton. 12.50 - —
Sweetwater, Tex., frt. equald..ton. 12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald..ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton. 12.00 - —
import, bgs., ex dock....ton. 27.50 - —

H

Heliotropin, cryst., cns.....lb. 1.80 - 2.20
Hellebore, white, root, powd., bbls. lb. .12 - .13
Helonias root, bls.....lb. .55 - .60
Hematine crystals, bbls.....lb. .18 - .28
Hemlock bark extract, 25% tan, c.l., bbls., works..lb. .03 - —
l.c.l., bbls., works.....lb. .03¼- —
tanks, works.....lb. .02⅝- —
Hempseed, Manchur, bgs.....lb. .05¾- .06
Henbane leaves, bls.....lb. .15 - .16
Henna leaves, bls.....lb. .07½- .08
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexalin, dms.....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .46 - —
100 to 400 lbs., shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .12 - —
Homatropine hydrobromide, bots., 50 ozs..oz. 13.00 - —
25 ozs.....oz. 13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.35 - —
Hops, N. F., bls.....lb. .17 - .27
Horehound, bls.....lb. .10 - .11
Hydrangea root, bls.....lb. .09 - .10
Hydrastine, bots., 4 ozs.....oz. 17.25 - —
cns., 16 ozs.....oz. 17.00 - —
Hydrochloride, bots., 4 ozs...oz. 17.25 - —
cns., 16 oz.....oz. 17.00 - —
Sulphate, bots., 4 ozs.....oz. 19.25 - —
cns., 16 oz.....oz. 19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls. lb. .03¾- .04
100 vols., cbys., E. of Miss. R. lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz. 18.00 -19.00
Hyoscyamine, bots.....oz. 15.00 - —
Hydrobromide, bots.....oz. 15.00 - —
Sulphate, bots.....oz. 15.00 - —
Hypernic, liq., 51°, bbls.....lb. .16 - .21
solid, bxs.....lb. .18½- .20½

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indel. CP, bots.....lb. 32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.30 - —
kgs., 150 lbs.....lb. 1.07 - —
less 5%, kgs., 150 lbs..lb. 1.07 - —
resubl., bots., 5 lbs.....lb. 1.85 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals., gal. 1.55 - —
cbys., 5 gals.....gal. 1.60 - 1.65
mild, bbls., 47 gals.....gal. .80 - —
cbys., 5 gals.....gal. .85 - .90
Iodoform, dms., 100 lbs.....lb. 3.95 - —
jars, 25 lbs.....lb. 4.05 - —
Ionone, bots.....lb. 1.30 - 4.05
Ipecac root, bgs.....lb. 1.00 - 1.05
powd., bxs.....lb. 1.10 - 1.15
Irish moss, ordinary, bls.....lb. .10 - .11
powd., 80-90 mesh, bbls...lb. .20 - .22
prime, bleached, bls.....lb. .18 - .20
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhyd., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms .....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equld..lb. .05 - .06
kegs, works, frt. alld. or equld..lb. .07½- .08
liquor, cbys., works, frt. alld. or equld..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs.....lb. .08½- —
USP solut., cbys., works, frt. alld. or equld..lb. .06½- .07
djns.....lb. .07½- —
Citrate, USP VIII, pearls, cns., lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.99 - —
syrup, djns.....lb. .37 - .38
bots.....lb. .52 - —
Nitrate, comi., kgs.....lb. .02⅝- .08
Oxalate, powd., kgs.....lb. .47 - —
cns.....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns..lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate), USP, cryst., bbls., 275 lbs. lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs.....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs.....lb. .44 - —
jars.....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs.....lb. .25½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .06½- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .05½- —
Isopropyl alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —
l.c.l.....lb. .08 - —
tanks.....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .03¾- .04

K

Kamala, tins.....lb. .32 - .33
Kava kava root, bls.....lb. .15 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .05⅝- —
Gulf ports, p.w., bulk, export, gal. .03⅞- —
dealers w.w., bulk..gal. .04 - —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04⅜- .04½
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04 - .04⅜
42-44 w.w., tanks.....gal. .04½- .04½
Pennsylvania, 45 w.w., tanks, gal. .04⅞- —
46 w.w., tanks.....gal. .05 - —
47 w.w., tanks.....gal. .05⅛- —
Kerosene, tankwagon:—
Atlanta.....gal. .14 - —
Boston.....gal. .08½- —
Chicago.....gal. .10½- —
Cincinnati.....gal. .13 - —
Kerosene, tankwagon:—
Denver.....gal. .11½- —
Louisville.....gal. .10½- —
Minneapolis.....gal. .10 - —
New Orleans.....gal. .12 - —
New York.....gal. .08¾- —
San Francisco.....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .07½- .08

L

Lady slipper root, bls.....lb. .55 - .60
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 8.75- 9.00
Middlewestern, trcs....100 lbs. 9.00 - 9.10
Neutral, trcs.....100 lbs. 10.25 -10.50
Western, choice, trcs..100 lbs. 9.10 - 9.20
Compound, trcs.....100 lbs. 10.75 -11.00
Larkspur seed, bgs.....lb. .30 - .33
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .04⅝- .04¾
Lavender flowers, ordinary, bls. lb. .35 - .40
select, bls.....lb. .46 - .48
Lead acetate, white, broken, bbls..lb. .10 - —
cryst., bbls.....lb. .10 - —
gran., bbls.....lb. .10¾- —
powd., bbls.....lb. .10¾- —
Arsenate, bgs., dealers E. of Rockies..lb. .12½- —
W. of Rockies.....lb. .12¾- —
l.c.l., bgs., dealers, E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .12¾- —
Lead arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse pick ups.
Blue, basic sulphate, bbls., c.l., dlvd, E..lb. .06 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06½- —
l.c.l., dlvd., E.....lb. .06¼- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06½- —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars.....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .17½- —
5-lb. cont., f.o.b. works....lb. .20½- —
Nitrate, bbls.....lb. .10 - .13
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0765- —
other points.....lb. .0740- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08¼- —
Colo., Mont., N. Mex., Wyo..lb. .08¼- —
other points ....lb. .07¾- —
smaller lots, dlvd., Ala., etc..lb. .08¼- —
Ariz., etc. .....lb. .09 - —
Colo., etc. .....lb. .08¾- —
other points ....lb. .08¼- —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc. lb. .0790- —
other points .....lb. .0765- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¼- —
Ariz., etc. .....lb. .08¾- —
Colo., etc. .....lb. .08¼- —
other points ....lb. .08 - —
smaller lots dlvd., Ala., etc..lb. .08¾- —
Ariz., etc. .....lb. .09¼- —
Colo., etc. .....lb. .09 - —
other points ....lb. .08½- —
98%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .0815- —
other points ....lb. .0790- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08½- —
Ariz., etc. .....lb. .09 - —
Colo., etc. .....lb. .08¾- —
other points ....lb. .08¼- —
smaller lots, dlvd. Ala., etc..lb. .09 - —
Ariz., etc. .....lb. .09¼- —
Colo., etc. .....lb. .09¼- —
other points .....lb. .08¾- —
In oil, 95% min., 100-lb. kgs., lb. .11¾- —
Resinate, fused, 16%, bbls...lb. .09¼- —
pale, bbls.....lb. .11½- —
precip., bbls.....lb. .16½- —
Stearate, bbls. .....lb. .22 - .28
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delvy, dlvd., lb. .11¾- —
smaller lots .....lb. .11½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07 - —
other points.....lb. .06¾- —
l.c.l., dlvd., Ariz., etc..lb. .07¼- —
other points.....lb. .07 - —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06½- —
other points.....lb. .06 - —
l.c.l., dlvd., Ariz., etc...lb. .06½- —
other points.....lb. .06¾- —
in oil, 100-lb. kgs., consumers, lb. .11¼- —
dealers .....lb. .09¼- —
painters .....lb. .10¼- —
Lecithin, 100%, cns., f.o.b. N. Y. or Chi....lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dms., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis, lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85

Lecithin, tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis, lb. .40 - —
l.c.l., same basis.....lb. .42½- .60

Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .25
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .16 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
California, northern..ton.11.80 - —
southern .....ton.11.45 - —
Cedar Hollow, Pa...ton. 8.50 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 7.00 - —
Easton, La. .....ton. 8.00 - —
Farnams, Mass. ....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala. .....ton. 7.00 - —
Knoxville, Tenn. ....ton. 6.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Marble Cliff, Ohio....ton. 6.50 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Potoskey, Mich.....ton. 8.00 - —
Port Island, Mich....ton. 7.50 - —
Ripplemead, Va. ....ton. 7.00 - —
Riverton, Va. .....ton. 7.00 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
hydrated, paper bgs., Bellefonte, Pa...ton. 8.50 - —
Berkley, W. Va.....ton. 9.00 - —
Buffalo .....ton.10.00 - —
California, northern.ton.15.30 - —
southern .....ton.13.95 - —
Cedar Hollow, Pa...ton. 8.00 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Easton, La. .....ton.10.00 - —
Farnams, Mass. ....ton. 9.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Marble Cliff, Ohio...ton. 8.00 - —
Marblehead, Ohio....ton. 8.50 - —
Martinsburg, W. Va.ton. 8.50 - —
Milltown, Ind.....ton.12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va. ....ton. 9.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis. .....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. .....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
spray, paper bags.. f.o.b. Bellefonte, Pa..ton. 9.50 - —
Durbin, Ohio .....ton. 9.00 - —
Farnams, Mass.....ton.10.00 - —
Gibsonberg, Ohio....ton.11.00 - —
Marble Cliff, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind.....ton. 9.50 - —
Scioto, Ohio .....ton. 9.00 - —
Sherwood, Wis.....ton. 9.50 - —
Woodville, Ohio.....ton.11.00 - —

lime salts (see Calcium)

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09¼
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumer, gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
30-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, dlvd., gal. .11¾- —
30-50 dms.....gal. .14 - .18
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., c.l. and l.c.l....gal. .13 - .14
Zone 5, tanks, dealers, dlvd., gal. .10¾- —
c.l. and l.c.l.....gal. .13 - .14
Zone 6, tanks, dealers....gal. .07¼- —
30-50 dms.....gal. .09 - .13

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Linalool, cns.....lb. 2.10 - 6.30
Linalyl acetate, cns., 25 lbs....lb. 1.35 - 2.25
Linden flowers, with leaves, bls.lb. .19 - .20
without leaves, bls.....lb. .16 - .17
Linseed cake, bgs., export....ton.31.50 -31.75
Meal, 34%, dom., bgs.....ton.43.50 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash....lb. .0665- —
dlvd., other points....lb. .0640- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —
Litharge, bbls., 5 tons, dlvd., Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points .....lb. .06¾- —
smaller lots, dlvd., Ala., etc. lb. .07½- —
Ariz., etc. .....lb. .08 - —
Colo., etc. .....lb. .07¾- —
other points .....lb. .07¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls. .....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd., E. or ex whse. Pac. Cst.....lb. .05¾- —
smaller lots, same basis.lb. .05¾- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
ordinary, bgs., 20 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04¾- —
bbls., 20 tons, same basis, lb. .04¾- —
smaller lots, same basis.lb. .04¾- —
titanated, bgs., 20 tons, same basis..lb. .05¾- —
smaller lots, same basis.lb. .05¾- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
Liverwort leaves, bls.....lb. .18 - .19
Lobelia herb, bls.....lb. .13 - .14
Seed, bgs. .....lb. .40 - .45
Logwood extract, cryst., bbls..lb. .18 - .24
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs. .....lb. .15 - .19
Lovage root, dom., bls.....lb. .55 - .65
import, bls. .....lb. .35 - .37
Lupulin, N.E., tins.....lb. 1.15 - 1.50
Lycopodium, cs. .....lb. 1.05 - 1.10

M

Mace, Banda, cs.....lb. .54½- .55
Batavia, cs.....lb. .42½- .43
Siauw, 1, cs.....lb. .47 - .48
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia arsenate, cyl.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —
USP, Zone 1, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. Zone 2, balance of U. S. C.l., shipm'ts, full fr't alld, up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld. including dlvd. store-door. Magnesia prices are f.o.b., Plymouth meeting house.

Chloride, flake, dom., bbls., works..ton.39.00 -42.00
Hypophosphite, cns., 100 lbs.lb. 1.45 - —
25 lbs. .....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls. .....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs. .....lb. .23 - —
smaller lots .....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
import, bbls.....ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots..lb. .53 - —
100-lb. lots .....lb. .55 - —
cns. .....lb. .75 - .80
Malva flowers, black, bls.....lb. .45 - .47
blue, bls. .....lb. .45 - .50
Leaves, bls. .....lb. .11 - .12
Manaca root, bls. .....lb. .20 - .21
Mandrake root, bls.....lb. .10½- .11
Manganese acetate, dms.....lb. .20½- —
Arsenate, bgs. .....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls. .....lb. .19 - —
Chloride, bbls. .....lb. .07½- .07¾
Dioxide, Caucasian, 85-90%, bbls., c.l., works..ton.61.50 - —
l.c.l., 5 tons, works..ton.64.50 - —
smaller lots, works..ton.69.50 - —
burlap bgs., c.l., works.ton.59.50 - —
l.c.l., 5 tons, works.ton.62.50 - —
smaller lots, works.ton.67.50 - —
paper bgs., c.l., works.ton.57.50 - —
l.c.l., 5 tons, works.ton.60.50 - —
84-87% bgs., 28-40 tons, wks. ton.57.00 - —
5-15 tons, wks.....ton.60.00 - —
¼-4 tons, wks.....ton.65.00 - —
300-600 lbs., wks....ton.75.00 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots ....lb. 2.01 - —
smaller lots .....lb. 2.71 - —
cns., 25 lbs. .....lb. 2.83 - —
solut., djns., 1,000-lb. lots, lb. .61 - —
smaller lots .....lb. .71 - —
cns., 25 lbs. .....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs. .....lb. 5.30 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Atl. ports..unit-ton.45.00 -47.00
Resinate, fused, 3½%, bbls..lb. .08¼- .08½
precip., dms. .....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South..ton.48.75 - —
l.c.l., bgs. .....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works...lb. .04 - —
Mangrove bark, bgs., shipt..ton.24.50 - —
Manna flake, large, cs.....lb. .40 - .41
small, cs. .....lb. .22 - .23
Mannitol, reagent, pure cryst., cs., works..lb. 1.30 - —
commercial, cryst., bbl., ton lots..lb. .55 - —
smaller lots.....lb. .70 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .16 - .16½
Tunisan, bls. .....lb. .15½- .16
Matico leaves, bls.....lb. .24 - .25
Menthol, USP, natural, cs....lb. 3.25 - 3.35
synthetic, tech., cs.....lb. 2.25 - —
USP, cs. .....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots .....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs. .....lb. .77 - —
25 lbs. .....lb. .79 - —
50%, pails, 50 lbs.....lb. 1.11 - —
25 lbs. .....lb. 1.13 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
fib., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs .....lb. 1.70 - —
Chloride (see Calomel).
Iodide, red N. F., bots., 5 lbs., lb. 3.55 - —
cns., 25 lbs.....lb. 3.60 - —
fib., dms., 100 lbs.....lb. 3.60 - —
yellow, bots., 5 lbs.....lb. 3.80 - —
cns., 25 lbs.....lb. 3.65 - —
fib., dms., 100 lbs.....lb. 3.65 - —
Nitrate ointment (see Citrine ointment).
Mercury, oxide red, N.F. (see red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl...lb. 1.21 - —
USP, fib. dms., 50 lbs. or more..lb. 1.73 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .25½- .27½
dms., c.l., works.....lb. .21 - —
l.c.l., works.....lb. .21½- —
tanks, works.....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½in...pkg. 1.70 - 1.80
Gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
3⅜x3⅜ in. .....pkg.16.15 -17.50
4x4 in .....pkg.19.50 -20.00
3⅜x5⅞ in. .....pkg.22.50 -23.00
3⅜x5⅞ in. .....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in .....pkg. 2.75 - 2.85
Metanitroaniline, kgs. .....lb. .67 Nom.
Metanitroparatoluidine, phie....lb. 1.45
Metaphenylenediamine, kgs. ..lb. .65 - —
Metatoluylenediamine, kgs. ..lb. .65 - —
Methanol, natural, denat. grade, tanks..gal. .25 - —
97% tanks.....gal. .32 - —
95%, tanks. .....gal. .31 - —
Methyl acetone, tanks ....gal. .25 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.

pure, synth. dms. c.l., Zone 1, frt. alld .gal. .8 - —
2, frt. alld.....gal .8 - —
3, frt. alld.....gal .8 - —
4, frt. alld.....gal .9 - —
l.c.l., Zone 1 frt. alld. or dlvd .gal 40½ -
zone 2, frt. alld. or dlvd., gal. .41 - —
3, frt. alld. or dlvd gal 44½
4, frt. alld. or dlvd. gal. 60 -
tanks, Zone 1, frt. alld gal. 33
2, frt. alld..... gal. 35½ -
3, frt. alld..... gal. .36½ -
4, frt. alld..... gal .37 -

Synthetic methanol sales zones are—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .08 - —
W. of Miss. R.....lb. .09 - —
l.c.l., dms., dlvd. E. of Miss. R..lb. .08½- —
W. of Miss. R.....lb. .09½- —
tanks, dlvd. E. of Miss R. lb. .07 - —
W. of Miss. R.....lb. .08 - —
tech., dms., c.l., dlvd. E. of Miss. R..lb. .07½- —
W. of Miss. R.....lb. .08½- —
l.c.l., dlvd. E. of Miss. R..lb. .08 - —
W. of Miss. R. .....lb. .09 - —
tanks, dlvd. E. of Miss. R., lb. .06½- —
W. of Miss. R. .....lb. .07½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, tanks....gal. .25 - —

Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
Zone 4.....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
Zone 4.....gal. .605 - —
tanks Zone 1, frt. alld. E. of Rockies.....gal. .315 - —
2, ft. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
Zone 4.....gal. .355 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.

Methyl alcohol, (see Methanol).
Anthranilate, bots. .....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .60 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bls. .....lb. 2.45 - 3.75
Formate, dms. .....lb. .35 - .36
Lactate, dms., l c.l., dlvd..lb. .30 - —

Lecithin—Mustard Seed

Methyl Iodide, bots.....lb. 3.68 - 3.83
Salicylate, dms. .....lb. .40 - .42
cns. .....lb. .42 - .45
Violet toner, bbls.....lb. .38 - —
permanent, bbls. .....lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11¼- —
l.c.l., same terms.....lb. .12 - —
tanks, same terms..... ..lb. .10¼- —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphtyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp, bots.....lb. 3.10 - —
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .20 - —
tanks .....lb. .15 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers, extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers, extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works..ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs., extra and returnable, c.l., works, ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white No. 1 quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works....lb .03 - —
100 lbs., works ....lb. .03¾- —
roofing, bgs., extra and returnable, c.l., works, ton.29.00 - —
l.c.l., 5,000 lbs, works, ton.39.00 - —
paint, bgs., extra and returnable, c.l., works, ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., dlvd. E..lb. .04¼- —
l.c.l., 1,000 lbs., dlvd. E..lb. .04¾- —
smaller lots, dlvd. E..lb. .05¼- —
paper, wall or coated, bgs., c.l., frt. alld., E..lb. .04½- —
c.l., 1,000 lbs., frt. all., E..lb. .04¾- —
smaller lots, frt. alld., E..lb. .05½- —
rubber bgs., c.l., frt. alld. E., lb. .04 - —
l.c.l., 1,000 lbs., frt. alld., E..lb. .04½- —
smaller lots, frt. alld., E..lb. .05 - —
wet-ground mica prices are ½c. per pound higher on Pacific Coast.
Milk powder, skimmed roller, bbls., c.l..lb. .06 - —
l.c.l. .....lb. .07 - —
spray, bbls., c.l.....lb. .06½- —
l.c.l. .....lb. .07½- —
unskimmed, roller bbls., c.l., lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l.....lb. .15½- —
l.c.l. .....lb. .16½- —
Millet seed, yellow, bgs.....lb. .0330- .0350
red, bgs.....lb. .0240- .0270
hulled, bgs. .....lb. .06½- .06
Mineral spirits (see Petroleum thinner and V M & P, naphtha).
Molasses, blackstrap, tanks..gal. .06½- —
New Orleans.....gal. .06 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .55 - —
Monobutylamine dms., l.c.l., works..lb. .65 - —
Monochlorobenzene, dms. .....lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. .....lb. .25 - —
tanks .....lb. .22 - —
Monoethylanilin, dms. .....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd.....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein flowers, cns.....lb. .80 - .85
Leaves, bls. .....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs.....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs. or more..lb. 3.25 - —
5 lbs. to 75 lbs.....lb. 3.50 - —
1 lb.....lb. 3.65 - —
ketone, cns., 100 lbs. or more, lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3.65 - —
1 lb.....lb. 3.80 - —
xylol, cns., 100 lbs. or more, lb. 1.00 - —
5 lbs. to 75 lbs.....lb. 1.10 - —
1 lb .....lb. 1.25 - —
Musk root, bls.....lb. .12 - .13
Mustard seed, Bombay, brown, bgs..lb. .08 - .08¼
California, brown, bgs....lb. .07¼- .07½
Chinese, yellow, bgs.....lb. .05¾- .06¼
Danish, yellow, bgs.....lb. .08 - .08½

Mustard Seed—Paraffin

Mustard seed, Dutch, yellow, bgs. lb.	.07¾-	.08
English, yellow, bgs.....lb.	.09 -	.09½
Hungarian, yellow, bgs....lb.	.07¾-	.08¼
Roumanian, yellow, bgs....lb.	.06 -	.06½
Myrobalans, J1, bgs., shipt...ton.	27.50 -	—
J2, bgs., shipt.....ton.	19.50 -	—
R2, bgs., shipt.....ton.	17.50 -	—
Extract, liquid, 25%, bbls....lb.	.03¾-	.05¼
solid, 50% bbls.....lb.	.04¾-	—
powdered, 70% bbls.....lb.	.05¾-	—

N

Naphtha, Painters' (see Petroleum Naphtha V. M. & P.).		
Solvent (see S).		
Naphthalene, crude, dom., 74 deg., bgs., bbls., wks., 100 lbs.	2.35 -	2.85
78 deg., bgs., bbls., wks., 100 lbs.	2.75 -	3.25
import, bgs., Atl. ports..100 lbs.	1.60 -	2.15
renned, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.....lb.	.06¾-	—
50-lb. cs., same basis..lb.	.07 -	—
pkgs. (16 oz.), same basis, lb.	.07½-	—
(12 oz.) same basis..pkg.	.06 -	—
chipped, crushed, bbls., same basis..lb.	.06½-	—
rice, cryst., powd., bbls., same basis..lb.	.06¾-	—
Nerolin, cryst., cns.....lb.	1.25 -	1.35
Nickel carbonate, bbls .....lb.	.36 -	.37½
Chloride, bbls. .....lb.	.18 -	.20
Oxide, black, bbls.....lb.	.35 -	.38
Salt, bbls. .....lb.	.13 -	.13¼
Nicotine sulphate, 40%, dms., works, frt. alld.lb.	.70 -	—
10-lb, tins .....lb.	.86½-	—
Nitresake, bulk, works.....ton.	16.00 -	—
Nitrobenzene, dbl. dist., dms., c.l..lb.	.08 -	—
l.c.l. .....lb.	.09 -	—
tanks .....lb.	.07 -	—
Nitrocellulose, alcohol-soluble, ¼, and 40. sec. vis., bbls., works..lb.	.28 -	—
bronzing, 20, 40, 70 sec. vis., bbls., works..lb.	.29 -	—
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb.	.22 -	—
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb.	.26 -	—
ester-soluble, lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb.	.29 -	—

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton.	1.00 -	—
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd.....unit-ton.	No prices.	
Chemical, Ill....unit-ton.	2.35 -	2.45
East Coast producing points..unit-ton.	2.65 -	2.75
import, bgs., c.l.f. Atlantic ports, shipt..unit-ton.	2.70 -	2.75
Nitronaphthalene, bbls.....lb.	.24 -	.25
Nutgalls, Aleppo, bgs., cs.....lb.	No prices	
Chinese, shipt., cs.....lb.	No prices	
Extract (see Gall extract).		
Nutmegs, 80s, bgs., cs.....lb.	.49 -	.50
110s, bgs., cs.....lb.	.19 -	.19½
West Indian, bgs.....lb.	.10¾-	.11
Nux vomica, bls.....lb.	.03¾-	.04
powd., bbls., bxs.....lb.	.06 -	.07

O

Oakbark extract, 25% tan., bbls., c.l. wks..lb.	.03½-	—
l.c.l., bbls., wks.....lb.	.03¾-	—
tanks .....lb.	.02¾-	—
Ocher (see Yellow).		
Octanol, 100-140° C., mixed, dms., c.l., G.S..gal.	.12½-	—
l.c.l., G.S.....gal.	.17 -	—
tanks, G.S.....gal.	.10½-	—
Octyl acetate, dms., c.l., works lb.	.16 -	—
l.c.l., works.....lb.	.17 -	—
tanks, works.....lb.	.15 -	—
Oil, almond, bitter, artif. (see Benzaldehyde).		
natural, bots.....lb.	2.00 -	2.50
s.p.a., bots.....lb.	2.05 -	2.75
sweet, true, exp., cns.....lb.	.65 -	.69
Amber, crude, cns.....lb.	.16 -	.17
ref'd, cns.....lb.	.50 -	.51
Amyris, cns.....lb.	2.00 -	2.25
Angelica root, bots.....lb.	61.25 -	100.00
seed, bots.....lb.	70.00 -	80.00
Anilin (see A).		
Anise, USP, cns., dms.....lb.	.85 -	.90
Apricot kernel, cns.....lb.	.28 -	.32
Babassu, tanks .....lb.	.06¾	Nom.
Bay, W. I., cns.....lb.	1.35 -	1.50
Bergamot, artif., cns.....lb.	1.25 -	1.36
natural, coppers .....lb.	3.90 -	4.00
Betula (see Oil, sweet birch).		
Birch (see Oil, sweet birch).		
Birch tar, crude, dms.....lb.	.16 -	.17
rectified, cns. .....lb.	.65 -	.70
Bois de rose, Brazil, cns....lb.	1.55 -	1.60
Cayenne, cns.....lb.	1.50 -	1.75
Cade, USP IX (see Oil, juniper tar)		
Cajeput, tech., dms.....lb.	.45 -	.50
USP IX, cns. .....lb.	.48 -	.50
Calamus, cns. .....lb.	3.60 -	4.25
Camphor, sassafrassy, cns....lb.	.19 -	.20
dms. .....lb.	.17 -	.18
white, cns.....lb.	.20 -	.21
dms. .....lb.	.17 -	.18
Cananga, native, cns.....lb.	1.25 -	1.30
rectified, cns. .....lb.	1.80 -	1.85
Capsicum (oleoresin), USP X, cns..lb.	1.90 -	2.00
Caraway, USP, cns.....lb.	1.90 -	2.00
Cardamom, bots. .....lb.	15.00 -	33.00
Cassia, USP, cns., dms.....lb.	1.00 -	1.10
Castor, blown, one-way dms., c.l..lb.	.11¼-	—
l.c.l. .....lb.	.12 -	—
Medicinal, bbls., c.l.....lb.	.09¾-	—
l.c.l. .....lb.	.10½-	—
cns. (1-gal.), l.c.l.....lb.	.13½-	—
dms. (returnable), c.l. ..lb.	.09½-	—
l.c.l. .....lb.	.10¼-	—
(5-gal.), l.c.l. .....lb.	.11½-	—
tanks .....lb.	.09 -	—
No. 3, bbls., c.l.....lb.	.09¼-	—
l.c.l. .....lb.	.10 -	—
dms. (returnable), c.l....lb.	.09 -	—
l.c.l. .....lb.	.09¾-	—
tanks .....lb.	.08¼-	—

Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms ½c higher, all points.

sulphonated, 50% (48% fat), dms., c.l..lb.	.06¼-	.06¾
l.c.l. .....lb.	.07¼-	.08¾
75% (63% fat), dms., c.l..lb.	.09 -	.09¼
l.c.l. .....lb.	.10 -	.10¼
80% (68% fat), dms., c.l..lb.	.09¼-	.10¼
l.c.l. .....lb.	.10½-	.11
Cedarleaf, cns. .....lb.	.63 -	.68
dms. .....lb.	.60 -	.65
Oil, cedarwood, Oregon, cns., dms..lb.	.28 -	.30
Southern, cns., dms.....lb.	.20 -	.23
Celery, bots.....lb.	7.50 -	14.50
Chaulmoogra, USP, cns., 500 lbs lb.	.90 -	—
25 lbs. .....lb.	1.00 -	—
Chinawood, dms.....lb.	.14½-	.15
tanks .....lb.	.1400-	.1420
Cinnamon, Ceylon, bots.....lb.	8.00 -	7.00
seychelle, bots. .....lb.	6.50 -	7.50
Citronella, Ceylon, cns.....lb.	.35 -	.35½
dms. .....lb.	.33½-	.34
Java, dms.....lb.	.38 -	.40
Clove, makers, USP, cns.....lb.	.98 -	—
dms. .....lb.	.95 -	—
Coconut, Manila, crude, tanks..lb.	.03¼-	—
Pac. Cst. .....lb.	.03 -	—
edible, 76°, tax incl., dms., (returnable), c.l..lb.	.09 -	—
c.l. .....lb.	.09¼-	—
tanks .....lb.	.08¼-	—
Cod, Newfoundland, shipt., tanked, bbls..gal.	.38	Nom.
Norwegian, shipt., bbls...gal.	.27 -	.29
Codliver, med., U.S.P., Norwegian, bbls..bbl.	26.00 -	27.00
Coriander, bots. .....lb.	18.00	-20.00
Corn, crude, tanks, works...lb.	.08 -	.08¼
refd., bbls.....lb.	.10¼-	.10½
Cottonseed, dom., cooking, bbls..lb.	.10¼-	—
salad, bbls.....lb.	.10¼-	—
import, Brazilian, semi-refd., dms..lb.	.0525	Nom.
Creosote (see C).		
Croton, USP, cns.....lb.	1.30 -	1.35
Cubeb, USP, cns.....lb.	2.50 -	2.75
Crude (see Petroleum, crude).		
Cumin, bots.....lb.	6.75 -	7.00
Cypress, dom., bots.....lb.	5.25 -	5.30
import., cns.....lb.	12.00	-12.25
Degras (see D).		
Diesel, Bayonne, bulk.....bbl.	1.75 -	—
California, 24 plus, bulk..bbl.	1.55 -	—
Dill seed, bots.....lb.	3.00 -	3.25
weed, bots.....lb.	3.85 -	4.10
Dip (see D).		
Erigeron, cns.....lb.	2.40 -	2.55
Eucalyptus, cns.....lb.	.35 -	.37
dms. .....lb.	.33 -	.35
Fennel, sweet, cns.....lb.	1.10 -	1.15
Fuel, bunker, California, tide-water..bbl.	.90 -	—
Gulf Coast.....bbl.	.85 -	.90
Louisiana, Arkansas, 10-14, bbl.	.85 -	1.00
N. Y. and N. J. terminals:—		
Monday .....bbl.	.95 -	—
Tuesday .....bbl.	.95 -	—
Wednesday .....bbl.	.95 -	—
Thursday .....bbl.	.95 -	—
Friday .....bbl.	.95 -	—
Saturday .....bbl.	.95 -	—
North Texas, 18-22.....bbl.	.80 -	.85
24-28, zero cold test.....bbl.	1.10 -	1.15
Oklahoma, 18-22.....bbl.	.85 -	.90
24-28, zero cold test.....bbl.	1.07½-	1.12½
24-28, 15 and above.....bbl.	.90 -	.95
Pennsylvania, 36-40.....gal.	.04 -	.04¼
Furnace, Bayonne, 1, bulk, refinery..gal.	.06 -	—
2, bulk, same basis.....gal.	.04½-	—
4, bulk, same basis.....gal.	.04⅜-	—
Louisiana - Arkansas, 32 - 36, light straw..gal.	.03⅞-	.04
Oklahoma, 28-30.....gal.	.03¼-	.03½
32-36 .....gal.	.03½-	.03⅝
36-38 .....gal.	.03⅝-	.03⅞
38-40, straw.....gal.	.03¾-	.04
38-40 zero, 60 e.p.....gal.	.03¾-	.04
Fusel (see F).		
Gas, Bayonne, bulk.....gal.	.04¾-	—
Gulf Coast, bulk.....gal.	.04½-	.04¼
North Texas, bulk.....gal.	.02¾-	.03
Oklahoma, bulk.....gal.	.02¾-	.03
Gaultheria (see Oil, wintergreen leaf).		
Geranium, Algerian, rose, cns.lb.	3.25 -	4.50
Bourbon, cns.....lb.	2.65 -	3.00
Turkish (see Palmarosa).		
Grapefruit cns.....lb.	2.15 -	2.20
Ginger, dist., bots.....lb.	5.75 -	6.00
Guaiac wood, concrete, bots.lb.	2.75 -	3.10
Haarlem, import., bots....gross	3.25 -	3.35
Halibut-liver, dms. 1,000 A unit gal.	.75 -	1.00
Hemlock, cns.....lb.	.75 -	1.00
Juniper berry, USP, cns.....lb.	1.10 -	1.30
Wood, tech., cns.....lb.	.45 -	—
Juniper tar, USP XI, 1,000 lb. dms..lb.	.39 -	.40
cns. .....lb.	.44 -	.45
Lard, common, 1, bbls.....lb.	.09 -	—
2, bbls. .....lb.	.08¾-	—
extra, bbls. .....lb.	.09¼-	—
1, bbls. .....lb.	.09 -	—
winter, strained, extra, bbls., lb.	.09¾-	—
prime burning, bbls.....lb.	.10½-	—
prime, ed., bbls.....lb.	.12¾-	—
ined., bbls. .....lb.	.10 -	—
Laurel, bots.....lb.	6.25 -	6.50
Lavandin, cns., 25 lbs.....lb.	2.00 -	2.05
Lavender flower, French, 50% ester, cns..lb.	5.00 -	5.25
38-42% ester, cns.....lb.	3.25 -	4.25
35-38% ester, cns.....lb.	2.75 -	3.00
30-32% ester, cns.....lb.	2.00 -	2.25
garden, cns. .....lb.	.42 -	.45
spike, Spanish, tech., cns..lb.	1.05 -	1.10
dms. .....lb.	.95 -	1.10
Lemon, Calif., cns.....lb.	2.50 -	—
Messina, coppers, cns.....lb.	3.15 -	4.00
Lemongrass, native, cns., dms., lb.	.38 -	.40
Lime, dist., cns.....lb.	4.25 -	5.00
expressed, cns.....lb.	7.50 -	9.00
Linaloe wood, cns.....lb.	1.25 -	1.30
Linseed, boiled, bbls., c.l....lb.	.0900-	—
l.c.l., 5 or more.....lb.	.0940-	—
less than 5.....lb.	.0980-	—
tanks .....lb.	.0840-	—
double boiled, bbls, less than 5 lbs..lb.	.1000-	—
raw, bbls., c.l. .....lb.	.0860-	—
l.c.l., 5 or more.....lb.	.0900-	—
less than 5.....lb.	.0940-	—
tanks .....lb.	.0800-	—
Lovage, bots.....lb.	41.25	-60.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—		
California, green, 70, 80, 100, vis., dms..gal.	.20 -	—
140 vis., dms.....gal.	.25 -	—
green, pale, 750, 900 vis., dms..gal.	.26 -	—
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., dms..gal.	.26 -	—
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks..gal.	.18½-	—
15-25 pour, tanks.gal.	.17½-	—
150-160 D, color, 4½, 0-10 pour, tanks..gal.	.20 -	—
15-25 pour, tanks.gal.	.19 -	—
150-160 E, color 5½, 15-25 pour, tanks..gal.	.18½-	—
190-200 D, color 4¼, 15-25 pour, tanks..gal.	.23 -	—
200-210 E, 15-25 pour, tanks..gal.	.22 -	—
neutrals, 0-10 pour, 150 vis., 3 color, tanks... gal.	.13 -	—
180 vis., 3 color, tanks, gal.	.14 -	—
4 color, tanks....gal.	.13½-	—
200 vis., 3 color, tanks, gal.	.14¼-	—
4 color, tanks....gal.	.14 -	—
Oil, lubricating, at rfy., Okla., neutrals, 250 vis., 3 color tanks..gal.	.15½-	—
4 color, tanks....gal.	.15 -	—
280 vis., 3 color, tanks, gal.	.16½-	—
4 color, tanks....gal.	.16 -	—
300 vis., 3½ color, tanks, gal.	.17 -	—
350 vis., same basis.gal.	.17½-	—
400 vis., same basis.gal.	.18 -	—
500 vis., same basis.gal.	.18½-	—
600 vis., same basis.gal.	.19 -	—
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.		
Penn., bright, 600 cold test, 10-15 pour, tanks..gal.	.17 -	—
cylinder, 600 fire, tanks, gal.	.11½-	—
600 flash, tanks.....gal.	.14 -	—
630 flash, tanks.....gal.	.17 -	—
635 fire, tanks.....gal.	.12½-	—
650 fire, tanks.....gal.	.13½-	—
Warren, E, amber, tanks, gal.	.15 -	—
neutral, 150 vis., 3 color, tanks..gal.	.16 -	—
180 vis.,3 color,tanks..gal.	.16½-	—
200 vis.,2 color,tanks..gal.	.17 -	—
spot, Penna., bright, bbls., c.l., f.a.s..gal.	.27 -	.28
unfiltered, 600 s.r....bbls., f.a.s..gal.	.21 -	—
600 flash, s.r., bbls., c.l., gal.	.23½-	—
630 s.r., bbls., c.l., f.a.s. gal.	.25 -	—
Warren, E, bbls., c.l., f.a.s. gal.	.24½-	—
smaller lots, f.o.b..gal.	.26½-	—
Mace, dist., cns., dms.....lb.	1.20 -	1.25
Mandarin, superior, coppers..lb.	6.00 -	7.50
Menhaden, crude, tanks, f.o.b. Balto..gal.	.30 -	—
refd., alkali, dms.....lb.	.0750-	.0770
tanks .....lb.	.0690-	—
blown, dms.....lb.	.0750-	.0770
kettle-bodied, dms.....lb.	.0840-	.0860
light, pressed, dms.....lb.	.0690-	.0710
tanks .....lb.	.0630-	—
Mineral, white (see Oil- white mineral).		
Mustard, artif., USP, cns....lb.	1.65 -	1.70
dist., natural, bots.....lb.	8.50 -	9.00
expressed, bbls.....gal.	.65½-	.70
Neatsfoot, 20° cold test, bbls., lb.	.15¼-	—
extra, bbls. .....lb.	.09½-	—
1, bbls. .....lb.	.09¼-	—
pure, bbls.....lb.	.11¾-	—
prime, bbls. .....lb.	.09¾-	—
sulphonated, common, 25% moisture, dms..lb.	.10½-	—
Neroli, bots.....lb.	115.00 -	140.00
Nutmeg, USP, cns., dms....lb.	1.20 -	1.25
Oiticica, dms. .....lb.	.11½	Nom.
Oleo, 1, bbls. .....lb.	.09¼-	—
2 bbls.....lb.	.08½-	—
Olibanum, bots.....lb.	5.00 -	5.25
Olive, denat., bbls.....gal.	.94 -	.98
edible, bbls.....gal.	1.75 -	2.00
foots, bbls. .....lb.	.07½-	.08
sulphonated, 50% (43% fat), dms., c.l..lb.	.11½-	.12
l.c.l. .....lb.	.12¾-	.13
75% (63% fat), dms., c.l..lb.	.13½-	.14
l.c.l. .....lb.	.14½-	.15
80% (68% fat), dms., c.l..lb.	.14½-	.15
l.c.l. .....lb.	.15½-	.16
Orange sweet, dist., cs...lb.	.50 -	—
expressed, African, cns., dms..lb.	.90 -	1.00
Calif., cns.....lb.	.75 -	1.00
Messina, USP, coppers.lb.	2.25 -	3.25
West India, cns.....lb.	1.90 -	2.00
Origanum, Spanish, cns.....lb.	.90 -	1.60
Orris, Florentine, concrete, extra strong bots..oz.	5.25 -	5.50
Palm, Niger, dms.....lb.	.04 -	.04¼
shipment .....lb.	.0290-	—
softs, 12½%, bulk, shipt....lb.	.0290-	—
20%, bulk, shipt.....lb.	.0270-	—
Sumatra, shipt., bulk.....lb.	.0390	Nom.
Palmarosa, cns. .....lb.	2.00 -	2.25
Palmkernel, bulk, shipt.....lb.	.0415-	—
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal.	.05¼-	—
330° flash, 70-80 vis., tanks, G. 3..gal.	.05½-	—
80-85 vis., bbls., extra, Ind. refy..gal.	.12 -	—
350° flash, 100-105 vis., bbls., extra, Ind. refy..gal.	.14 -	—
360° flash, 100-110 vis., tanks, G. 3..gal.	.05¾-	—
Patchouli, bots., cns.....lb.	3.75 -	8.00
Peanut, crude, dom., tanks..lb.	.08¼	Nom.
refd., edible, bbls.....lb.	.10½-	.10¾
Pennyroyal, dom., cns.....lb.	1.40 -	1.45
import, cns. .....lb.	1.35 -	1.40
Peppermint, natural, cns., dms., lb.	2.30 -	2.55
redist., USP, cns., dms....lb.	2.55 -	2.80
Perilla, dms. .....lb.	.10¾-	.11
tanks .....lb.	.1020-	—
Petitgrain, Paraguay, cns....lb.	.90 -	1.00
Pimento berry, cns.....lb.	3.65 -	7.50
leaf, cns. .....lb.	2.30 -	2.40
Pine, dest.-dist., straw-color, dms., dlvd., E. ports...gal.	.52 -	.55
steam-dist., dms.....gal.	.59 -	—
tanks .....gal.	.54 -	—
Pineneedle, Siberian, cns.....lb.	.95 -	1.00
Putty, bbls., El Segundo, Richmond, Cal..gal.	.22½-	—
contracts .....gal.	.19½-	—
Whiting, Ind.....gal.	.28 -	—
dms., c.l., Bost., Provid..gal.	.25 -	—
l.c.l., same basis.....gal.	.27 -	—
tanks, same basis.....gal.	.18 -	—
Martinez, Cal.....gal.	.28 -	—
Rapeseed, blown, bbls.....lb.	.14 -	.14½
denat., bbls.....gal.	.75 -	.80
Red, dist. or saponif., bbls., dlvd..lb.	.08¾	Nom.
dms., dlvd.....lb.	.08¾	Nom.
tanks, dlvd.....lb.	.07½	Nom.
white, dms.....lb.	.11¾	Nom.
Rose, artif., bots.....oz.	2.00 -	8.00
natural, coppers.....oz.	5.25 -	22.50
Rosemary, Spanish, cns.....lb.	.56 -	.75
dms. .....lb.	.51 -	.70
Rosin, 1st rectfd., dms.....gal.	.45 -	—
2d rectfd., dms.....gal.	.47 -	—
3d rectfd., dms.....gal.	.51 -	—
Rue, bots.....lb.	2.15 -	2.20
Sage, cns. .....lb.	1.30 -	35.00
Sandalwood, E.I., USP, cns..lb.	4.75 -	4.80
Sardine, crude, tanks, Pac. Cst. gal.	.30	Nom.
refd., alkali, dms.....lb.	.0750-	.0770
tanks .....lb.	.0690-	—
kettle-bodied, dms. .....lb.	.0840-	.0860
light, pressed, dms.....lb.	.0690-	.0770
tanks .....lb.	.0630-	—
Sassafras, artif., cns.....lb.	.36 -	.37
dms. .....lb.	.34 -	.35
natural, cns., dms.....lb.	1.00 -	1.05
Savin, cns. .....lb.	1.65 -	1.70
Savory, cns.....lb.	2.00 -	2.25
Sesame, refd., dms.....lb.	.10½	Nom.
Shingle stain, bbls., c.l., wks. gal.	.18 -	—
l.c.l., works.....gal.	.21 -	—
tanks, works.....gal.	.14 -	—
Snakeroot, Canada, cns.....lb.	9.50 -	10.00
Soybean, dom., crude, dms..lb.	.0730-	.0770
tanks .....lb.	.0670-	—
refd., dms.....lb.	.0830-	.0870
tanks .....lb.	.0720-	.0770
Spearmint, USP, cns.....lb.	1.70 -	1.75
Sperm, bleach, 38°, dms.....lb.	.1000-	.1020
45°, dms.....lb.	.0980-	.0990
natural, dms.....lb.	.0880-	.0900
Spruce, cns., dms.....lb.	.75 -	1.00
Oil, sweet, birch, North, cns..lb.	2.25 -	3.50
South, cns.....lb.	1.60 -	2.00
Tall, crude, dms., c.l., works, ton.	45.00-	—
l.c.l., works.....ton.	60.00	-65.00
tanks, works.....ton.	55.00 -	—
refined, dms., c.l., works...lb.	.05½-	—
l.c.l., works.....lb.	.06 -	—
tanks, works.....lb.	.05 -	—
Tallow, acidless, bbls.....lb.	.08¾-	—
tanks .....lb.	.08¼-	—
Tansy, cns.....lb.	5.50 -	5.75
Tar, comi, dms., c.l., dlvd., E. cities..gal.	.26 -	—
E. ports.....gal.	.25 -	—
l.c.l. .....gal.	.26 -	—
tanks, dlvd. E. cities...gal.	.20 -	—
rectfd., USP, bbls., dlvd., E. ports..gal.	.50 -	—
Tar acid (see T).		
Teaseed, crude, dms.....lb.	.08 -	.08⅛
Tea Tree (see Oil, ti tree).		
Thyme, NF, red, dms.....lb.	.85 -	1.25
white, dms. .....lb.	.85 -	1.45
Ti tree, cns.....lb.	3.10 -	3.50
Tung (see Oil, chinawood).		
Turkey red (see Oil, castor, sulphonated).		
Turpentine (see T).		
Turtle, cns. .....gal.	4.25 -	5.00
Valerian, bots. .....lb.	8.00 -	8.25
Vetiver, bots. .....lb.	4.35	-16.50
Walnut, crude, dms.....lb.	.13 -	.13½
refd., dms. .....lb.	.14 -	.14½
Whale, refd., natural, dms...lb.	.0830-	.0850
winter, bleach, dms.....lb.	.0870-	.0890
Wheat germ, phar., cns., dms. gal.	22.50	-30.00
feedstuff, cns., dms.....gal.	11.75	-25.00
White, mineral, dom., tech., 50-60 vis., dms.....gal.	.42 -	—
65-75 vis., dms.....gal.	.44 -	—
80-90 vis., dms.....gal.	.45 -	—
USP, 80-90 vis., dms...gal.	.49 -	—
95-105 vis., dms.....gal.	.57 -	—
125-135 vis., dms.....gal.	.64½-	—
140-150 vis., dms.....gal.	.68 -	—
175-185 vis., dms.....gal.	.72½-	—
200-210 vis., dms.....gal.	.74½-	—
320-330 vis., dms.....gal.	.80½-	—
335-345 vis., dms.....gal.	.82 -	—
Russian, 80-90 vis., dms.gal.	.49 -	—
145-155 vis., dms.....gal.	.68 -	—
175-185 vis., dms.....gal.	.72½-	—
235-345 vis., dms.....gal.	.82 -	—
Wintergreen, natural, North, cns..lb.	4.00 -	8.00
South, cns.....lb.	3.05 -	3.75
synth (see Methyl salicylate).		
Wood (see Oil, chinawood).		
Wormseed, cns.....lb.	2.60 -	2.65
Wormwood, cns.....lb.	2.60 -	2.65
Ylang-ylang, Bourb., bots., cns., lb.	3.50 -	6.00
Manila, bots. .....lb.	18.00 -	24.00
Olivine, aggregate, c.l., mines, ton.	5.00 -	8.00
Lumps, same basis.....ton.	7.00 -	—
Spalls, same basis.....ton.	5.00 -	—
Ground, 200 mesh, c.l., mines, ton.	15.00 -	—
20 mesh to dust.....ton.	10.00 -	—
Opium, USP, cns.....lb.	11.50	-12.50
gran., cns. .....lb.	12.50	-13.50
powd., cns. .....lb.	12.50	-13.50
Orange, Lake, Persian, bbls...lb.	.30 -	.45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb.	.10½-	—
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb.	.11 -	—
Colo., Mont., N. M., Wyo..lb.	.10¾-	—
Other points .....lb.	.10¾-	—
smaller lots, dlvd., Ala., etc..lb.	.11 -	—
Ariz., etc. .....lb.	.11½-	—
Colo., Mont., N. M., Wyo..lb.	.11¼-	—
Other points .....lb.	.10¾-	—
French, Tours, csks, ex dock. lb.	.13½-	—
kgs., ex dock.....lb.	.14½-	—
Molybdate, bbls.....lb.	.31 -	—
Toner, bbls.....lb.	.80 -	—
Orangeflower petals, cs.....lb.	.33 -	.35
Orange peel, bitter, bls.....lb.	.08 -	.09
sweet, bls. .....lb.	.09 -	.10
Orris root, Florentine, bgs.....lb.	.10 -	.11
fingers, cs.....lb.	.90 -	.95
powd., bbls., bxs.....lb.	.12 -	.13
Verona, bls.....lb.	.09 -	.10
powd., bxs., cs.....lb.	.12 -	.13
Orthoanisidin, bbls.....lb.	.70 -	.74
Orthochloroanilin, dms.....lb.	.60 -	.75
Orthochlorophenol, dms.....lb.	.32 -	—
Orthocresol, dms., c.l., works.lb.	.16½-	—
l.c.l., same basis.....lb.	.17¼-	—
Orthodichlorobenzene, dms., c.l., works, frt. alld E. of Rockies..lb.	.06 -	—
l.c.l., same basis.....lb.	.07 -	—
100-lb. tins, same basis.lb.	.08 -	—
50-lb. tins, same basis..lb.	.09 -	—
tanks, same basis.....lb.	.05½-	—
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.		
Orthonitroanilin, dms.....lb.	.55 -	—
Orthonitrochlorobenzene, kgs..lb.	.18 -	—
Orthonitroparachlorophenol, cns.lb.	.75 -	—
Orthonitrotoluene, dms.....lb.	.08 -	—
Orthotoluenehydrochloride, dms.lb.	.22 -	—
Orthotoluene sulphonate, kgs..lb.	2.00 -	2.05
Orthotoluidin, dms.....lb.	.16 -	—
Osage orange extract, cryst., bbls., lb.	.19 -	—
liquid, 42°, bbls.....lb.	.08 -	—
51°, bbls.....lb.	.09 -	—
Oxyquinolin sulphate, cns., 100-lbs., works..lb.	3.50 -	—
bots., cns., 1-50 lbs.....lb.	3.65 -	4.00

P

Papain, powd., cs.....lb.	1.25 -	1.30
Paprika, Hungarian, extra fancy, bgs..lb.	.27 -	.28
medium, bgs.....lb.	.25 -	.26
Spanish, extra fancy, cs.....lb.	.31 -	.62
fair, bgs.....lb.	.25½-	.26
fancy, bgs.....lb.	.30	Nom.
medium, bgs.....lb.	.28	Nom.
Para-aminoacetanilide, kgs. ..lb.	.83	Nom.
Parachlorophenol, dms. .....lb.	.45 -	—
Paracymene, refd., dms.....gal.	.75 -	1.25
Paradichlorobenzene, dms., c.l.lb.	.11 -	.12
l.c.l. .....lb.	.12½-	.15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb.	.02¼-	—
bbls., c.l., N. Y.....lb.	.02¾-	—
124-126 A.m.p., bgs., c.l., Okla., refy..lb.	.02¼-	—
bbls., c.l., N. Y.....lb.	.02¼-	—
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb.	.02¼	Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l..lb.	.03¾-	—
loose, c.l.....lb.	.0355-	—
125-127 A.m.p., bgs., c.l...lb.	.0390-	—
loose, c.l.....lb.	.0370-	—
128-130 A.m.p., bgs. or loose, c.l..lb.	.04 -	—

Paraffin, fully rfd., slabs., 131-133 A.m.p., bgs. or loose, c.l..lb. .0435- —
133-135 A.m.p., bgs. or loose, c.l..lb. .0465- —
135-137 A.m.p., bgs. or loose, c.l..lb. .0490- —
138-140 A.m.p., bgs. or loose, c.l..lb. .0565- —
143-145 A.m.p., bgs. or loose, c.l..lb. .0660- —
151-153 A.m.p., bgs. or loose, c.l..lb. .08½- —
refined paraffin prices in cases are ½c. lb higher than bags price; solid in tankcars is .05c. lower.
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .02½- .02⅝
semirfd., solid, 122-124 A.m.p., bgs..lb. .02¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C..lb. .34 - —
100 to 900 lbs. shipments, same basis..lb. .35 - —
Paraldehyde, tech., 99% 55 and 100 gal. dms., dlvd..lb. .16 - —
5 and 10 gal. dms., dlvd., lb. .17 - —
USP, cs., cbys.....lb. .37 - .45
Paranitroanilin, kgs., works...lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls....lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .15 - .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld., lo. .23 - .25
less car lot, same basis.lb. .24 - .26
Passion flower herb, bls.....lb. .07 - .07½
Patchouli leaves, bls.....lb. .18 - .20
Pellitory root, bls.....lb. .16 - .17
Pennyroyal herb, bls.....lb. .07 - .08
leaves, bls.....lb. .14 - .15
Pentanes norm., 28-38°, dms., c.l., G.3..gal. .11½- —
l.c.l., G.3.....gal. .16 - —
tanks, G.3.....gal. .08½- —
laboratory grade, dms., c.l., G.3..gal. .14 - —
l.c.l., G.3.....gal. .25 - —
Pepper, black, Alleppy, bgs...lb. .08 - .08¼
Lampong, bgs.....lb. .05½- .05½
Tellicherry, bgs.....lb. .08½- .09
Red, chillies, Japan, 1, bgs..lb. .20 - .20½
Mombassa, bgs.....lb. .21 Nom.
White, Java, Muntok, bgs...lb. .08¼- .08½
Saigon, bgs.....lb. .08¼- .08½
Peppermint leaves, dom., bls..lb. .26 - .28
import, bls.....lb. .45 - .48
Peru, balsam, dms.....lb. .65 - .70
Petrolatum, amber, bbls., c.l., lb. .02⅝- .02¾
l.c.l. .....lb. .03⅜- —
extra, bbls.....lb. .02⅞- .03
l.c.l. .....lb. .04¼- —
cream (see white, cream) green (see red)
red, veterinary, bbls., c.l....lb. .02½- —
white, cream, bbls., c.l.....lb. .04¼- —
l.c.l. .....lb. .06½- —
lily, bbls., c.l.....lb. .05¼- —
l.c.l. .....lb. .07½- —
snow, bbls., c.l.....lb. .06¼- —
l.c.l. .....lb. .08½- —
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights.....bbl. .74 - .95
Athens .....bbl. .84 - 1.66
Belridge .....bbl. .70 - 1.32
Buena Vista Hills.....bbl. .70 - 1.38
Canal-Greely .....bbl. .91 - 1.68
Coalinga .....bbl. .70 - .90
Coyote Hills (West)...bbl. .78 - 1.32
Dominguez .....bbl. .79 - 1.00
East Coyote .....bbl. .76 - .9[illegible]
Elk Hills .....bbl. .70 - 1.38
Elwood Terrace, f.o.b. ship., bbl. 1.28 - 1.43
El Segundo .....bbl. .80 - 1.21
Huntington Beach.....bbl. .78 - 1.22
Inglewood .....bbl. .79 - 1.27
Kern Front .....bbl. .70 - —
Kern River .....bbl. .70 - —
Kettleman Hills .....bbl. 1.19 - 1.43
La Habra .....bbl. .76 - .96
Lakeview .....bbl. .70 - 1.36
Lost Hills .....bbl. .70 - 1.18
McKittrick .....bbl. .70 - —
Midway - Sunset (except Lakeview)..bbl. .70 - 1.38
Montebello .....bbl. .77 - 1.43
Mt. Poso .....bbl. .70 - —
Mountain View .....bbl. .70 - 1.20
Newhall .....bbl. .70 - —
Orcutt .....bbl. .70 - .93
Olinda Brea .....bbl. .76 - 1.27
Playa del Rey, f.o.b. pipe-line .....bbl. .80 - 1.16
Richfield .....bbl. .76 - 1.09
Rosecrans .....bbl. .84 - 1.66
Round Mt.....bbl. .70 - —
Santa Fe Springs.....bbl. .78 - 1.42
Santa Paula.....bbl. .70 - 1.01
Seal Beach.....bbl. .79 - 1.19
Signal Hill.....bbl. .80 - 1.21
Torrence .....bbl. .80 - 1.05
Wheeler Ridge.....bbl. .70 - .83
Whittier .....bbl. .76 - .96
Wilmington .....bbl. .75 - 1.21
Canada:—
Oil Springs.....bbl. 2.17 - —
Petrolia .....bbl. 2.10 - —
Central West:—
Illinois .....bbl. 1.35 - —
Lima .....bbl. 1.25 - —
Midland (Mich.).....bbl. 1.12 - —
Princeton .....bbl. 1.35 - —
East Texas.....bbl. 1.35 - —
Gulf Coast:—
Barber's Hill.....bbl. .95 - 1.41
Batson .....bbl. .95 - 1.41
Dayton .....bbl. .95 - 1.41
Esperson .....bbl. .95 - 1.41
Goose Creek.....bbl. .95 - 1.41
Hull .....bbl. .95 - 1.41
Humble .....bbl. .90 - 1.41
Liberty .....bbl. .90 - 1.41
Markham .....bbl. .90 - 1.29
Orange .....bbl. .95 - 1.41
Pettus .....bbl. 1.37 - —
Pierce Junction.....bbl. .95 - 1.41
Refugio (incl. Greta, Taft, Saxet)..bbl. 1.01 - 1.17
Saratoga .....bbl. .95 - 1.41
Sour Lake.....bbl. .90 - 1.41
Spindle Top.....bbl. .95 - 1.41
Sugarland .....bbl. .95 - 1.41
West Columbia.....bbl. .95 - 1.41
Kentucky, Tennessee:—
Big Sandy river.....bbl. 1.42 - —
Kentucky river.....bbl. 1.50 - —
Western Kentucky (Owensboro)..bbl. 1.30 - —
Louisiana, Arkansas:—
Bull Bayou.....bbl. .90 - 1.22
Caddo .....bbl. .90 - 1.22
Cameron Meadows....bbl. .90 - 1.30
Choctaw .....bbl. .90 - 1.30
Cotton Valley.....bbl. .90 - 1.22
Darrow .....bbl. .90 - 1.30
De Soto.....bbl. .90 - 1.22
El Dorado.....bbl. .90 - 1.22
Haynesville .....bbl. .90 - 1.22
Homer .....bbl. .90 - 1.22
Iowa .....bbl. .90 - 1.30
Lockport .....bbl. .90 - 1.30
Miller County.....bbl. .90 - 1.22

Petroleum, crude, bulk, at wells:—
Louisiana Arkansas.
Lake Island.....bbl. .90 - 1.22
Rainbow .....bbl. .90 - 1.22
Rodessa .....bbl. .90 - 1.22
Smackover .....bbl. .90 - —
Tepetate .....bbl. 1.24 - —
Urania .....bbl. 1.02 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco .....bbl. No prices
Tax, 14.489c. per bbl.
Tuxpan .....bbl. No prices
Tax, 23.529c. per bbl.
Midcontinent:—
North Texas.....bbl. .96 - 1.20
Oklahoma-Kansas .....bbl. .93 - .130
Altus, Tipton (Okla.), bbl. .96 - 1.20
Pennsylvania, Ohio West Virginia:—
Bradford-Allegany ....bbl. 1.80 - —
Corning .....bbl. 1.17 - —
Pennsylvania grade, in Buckeye lines..bbl. 1.30 - —
Eureka lines.....bbl. 1.40 - —
N. Y. Transit lines.bbl. 1.80 - —
S. W. Penn. lines..bbl. 1.46 - —
lower district in National Transit lines.bbl. 1.68 - 1.73
Rocky Mountain:—
Big Muddy.....bbl. 1.18 - 1.23
Canon City-Florence...bbl. 1.10 - —
Cat Creek.....bbl. 1.40 - —
Dutton Creek.....bbl. 1.06 - 1.09
Elk Basin.....bbl. 1.05 - —
Fort Collins-Wellington, bbl. 1.01 - 1.25
Frannie, light.....bbl. .65 - —
Grass Creek, light.....bbl. 1.05 - —
Greybull .....bbl. 1.30 - —
Iles .....bbl. 1.12 - 1.18
Lance Creek.....bbl. .97 - —

Petroleum, crude, bulk, at wells:—
Rocky Mountain.
Lander .....bbl. .51¼- —
Midway .....bbl. 1.09 - 1.30
Rock Creek.....bbl. 1.20½- —
Salt Creek.....bbl. 1.06 - 1.30
Sunburst .....bbl. 1.20 - —
Torchlight .....bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County .....bbl. .98 - 1.25
Cleveland-Liberty .....bbl. 1.27 - —
Conroe .....bbl. 1.20 - 1.44
Darst Creek.....bbl. 1.09 - —
Hardin-Liberty .....bbl. 1.15 - —
Luling .....bbl. 1.00 - —
Lytton Springs.....bbl. 1.12 - —
Mirando (incl. Duval).... bbl. .96 - 1.30
Panola County.....bbl. .93 - 1.25
Salt Flat.....bbl. 1.09 - —
Tomball .....bbl. 1.20 - 1.44
West Beaumont.....bbl. .95 - 1.29
Van .....bbl. 1.10 - —
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .91 - 1.08
Gray County.....bbl. .96 - 1.08
West Texas:—
Artesia, N. M.....bbl. .90 - —
Crane .....bbl. .78 - 1.08
Crockett .....bbl. .78 - 1.08
Ector .....bbl. .78 - 1.08
Eddy (N. M.) .....bbl. .90 - —
Hogback .....bbl. 1.33 - —
Howard .....bbl. .78 - 1.08
Jackson, N. M. .....bbl. .90 - —
Lea, N. M. .....bbl. .78 - 1.08
Maljamar, N. M. ....bbl. .90 - —
Mitchell .....bbl. .78 - 1.08
Pecos .....bbl. .91 - —
Upton .....bbl. .78 - 1.08
Winkler .....bbl. .78 - 1.08

Paraffin—Petrol. Naphtha

Petroleum ether, 30-60°, dms., c.l., G. 3..gal. .14 - —
l.c.l., G. 3.....gal. .25 - —
tanks, G.3 .....gal. .13 - —
35-60°, dms., l.c.l., G.3....gal. .30 - —
40-75°, dms., c.l., G.3....gal. .14 - —
l.c.l., G.3.....gal. .25 - —
tanks, G.3.....gal. .13 - —
laboratory grade, dms., c.l., G.3..gal. .14 - —
c.l., G.3.....gal. .25 - —
10-gal. lots, G.3.....gal. .50 - —
Lacquer, diluent, at refinery:—
California, 100 i.b.p., 200 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond.....gal. .11 - —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
East Coast, tanks....gal. .12 - .12½
Group 3, tanks.....gal. .07⅝- .07⅝
Naphtha, cleaners', at refinery:—
East Coast, tanks....gal. .10 - —
Group 3, tanks.....gal. .06⅝- .06⅝
tankwagon, Boston, ex tax, gal. .13 - —
Bridgeport .....gal. .13½- —
Chicago, inc. 4c. tax..gal. .17½- —
Decatur, inc. 4c tax..gal. .194 - —
Des Moines, inc. 4c. tax.gal. .192 - —
Evansville, inc. ex tax.gal. .14½- .15½
Milwaukee, inc. 5c. tax, gal. .206 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .208 - —

Accuracy

MAPICO COLORS

Pure Oxides of Iron

YELLOWS · BROWNS · REDS · BLACK

Accurate and exact analyses control the manufacture of Mapico Pigments, from the time the raw material is received until the finished pigment leaves the shipping room. Exact technical control assures correct manufacturing conditions which produce uniformly standard pigments.

Technical inquiry is invited

MAGNETIC PIGMENT CO.

BINNEY & SMITH CO., *Distributors*

41 East 42nd Street, New York, N. Y.

DIVISION OF COLUMBIAN CARBON COMPANY

Petrol. Naphtha—Potash

Petroleum naphtha, cleaners, tankwagon, Newark, ex tax.. gal.	.12	-	—
New York, ex tax.....gal.	.12	-	—
Omaha, ex tax.....gal.	.144	-	.154
Oklahoma City, ex tax.gal.	.16	-	—
Philadelphia, ex tax...gal.	.11½	-	—
St. Louis, inc. 1c. tax.gal.	.15	-	—
Syracuse, 150 gals.....gal.	.14	-	—
smaller lots, galv. drums, gal.	.16	-	—
milk cans.....gal.	.21	-	—
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway..gal.	.16	-	—
2, over 90% arom., same basis..gal.	.18	-	—
3, tanks, f.o.b. Bayway..gal.	.18	-	—
3, tanks, f.o.b. Paulsboro, N. J..gal.	.14	-	—
30, same basis.....gal.	.16	-	—
40, same basis.....gal.	.14½	-	—
V. m. & p., at refinery:—			
California, 46.5, 254 i.b.p., 330 e.p., tanks, f.o.b. El Segundo..gal.	.11	-	—
Richmond..gal.	.11½	-	—
Willbridge, Ore., Pt. Wells, Wash..gal.	.12	-	—
54-57, 190 i.b.p., 310 e.p. tanks, dlvd. Los Angeles..gal.	.10	-	—
San Francisco..gal.	.10½	-	—
Portland, Seattle..gal.	.11	-	—
East Coast, tanks.....gal.	.10	-	—
Group 3, tanks.....gal.	.06¾	-	.06¾
tankwagon, Boston, ex tax gal.	.13	-	.14
Chicago, inc. 4c. tax..gal.	.16½	-	—
Decatur, inc. 4c. tax..gal.	.194	-	—
Des Moines, inc. 4c. tax.gal.	.192	-	—
Evansville, Ind., ex tax.gal.	.147	-	.157
Milwaukee, inc. 5c. tax.gal.	.206	-	—
Petroleum, naphtha, v.m. & p., tankwagon, Minneapolis-St. Paul, inc. 5c. tax... gal.	.208		—
Newark, ex tax.....gal.	.12½	-	—
New York, ex tax.....gal.	.11	-	—
Omaha, ex tax.....gal.	.144	-	.154
Philadelphia, ex tax...gal.	.12¾	-	—
St. Louis, inc. 1c. tax.gal.	.16	-	—
Solvent, rubber, at refinery, East Coast, tanks..gal.	.09½	-	.10
Group 3, light, 120 i.b.p., 250 e.p., tanks...gal.	.06⅝	-	.06⅝
standard, 180 i.b.p., 288 e.p., tanks..gal.	.06⅝	-	.00⅝
Stoddard (CS 3-35), at refinery:—			
East Coast, tanks... gal.	.10		
Group 3, tanks.....gal.	.05⅞	-	.06¼
tankwagon, Boston, ex tax, gal.	.12½	-	.13⅛
Chicago, inc. 4c. tax..gal.	.159	-	—
Decatur, inc. 4c. tax..gal.	.184	-	—
Des Moines, inc. 4c. tax.gal.	.182	-	—
Evansville, Ind., ex tax.gal.	.135	-	.145
Milwaukee, inc. 5c. tax.gal.	.196	-	—
Minneapolis-St. Paul, inc. 5c. tax..gal.	.177	-	—
Newark, ex tax.....gal.	.09½	-	.11⅛
New Orleans, ex tax..gal.	.11	-	—
New York, ex tax.....gal.	.09½	-	.11⅛
Omaha .....gal.	.131	-	.14
Philadelphia, ex tax...gal.	.10½	-	.12⅛
St. Louis, inc. 1c. tax.gal.	.139	-	—
Tulsa, ex tax .....gal.	.10	-	.11
Thinner, at refinery:—			
California, 34, 325 i.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles....gal.	.14	-	—
Portland, Ore.....gal.	.15	-	—
Richmond .....gal.	.13½	-	—
Seattle, Wash....gal.	.15½	-	—
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal.	.10½	-	—
Richmond .....gal.	.10	-	—
Southern Calif....gal.	.09½	-	—
Petroleum, thinner, at rfy., California, 56, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal.	.11	-	—
Portland, Ore....gal.	.11	-	—
Richmond .....gal.	.11½	-	—
Seattle, Wash....gal.	.12	-	—
East Coast, 43-47, tanks.gal.	.09½	-	.10
47-49, tanks.....gal.	.09½	-	.10
New Jersey, tanks...gal.	.09	-	—
Group 3, tanks.....gal.	.05⅝	-	.05⅝
tankwagon, tax included:—			
Albany .....gal.	.13	-	—
Baltimore (100 gals.)..gal.	.12½	-	.15⅛
25-99 gals. .....gal.	.13½	-	.15⅛
Boston .....gal.	.12½	-	.13⅛
Bound Brook, North Amboy, N. J..gal.	.11½	-	.13⅛
Bridgeport, Conn.....gal.	.11½	-	—
Buffalo .....gal.	.12½	-	—
Camden, N. J.....gal.	.10	-	.12
Chicago .....gal.	.162	-	—
Decatur, Ill.....gal.	.184	-	—
Des Moines.....gal.	.182	-	—
Evansville, Ind. .....gal.	.137	-	.147
Milwaukee .....gal.	.196	-	—
Minneapolis-St. Paul...gal.	.198	-	—
Newark .....gal.	.09½	-	—
New York (260 gals.)..gal.	.09¾	-	.11
Omaha .....gal.	.131	-	.141
Philadelphia .....gal.	.10	-	—
Pittsburgh .....gal.	.12	-	.14
Providence .....gal.	.12½	-	.13⅛
Rochester .....gal.	.12	-	—
St. Louis.....gal.	.15	-	—
Syracuse .....gal.	.14	-	—
Trenton .....gal.	.11½	-	.14
Wilmington, Del. ....gal.	.11½	-	.13⅛
Phenobarbital, bots., 5 lbs....lb.	4.35	-	—
bots. or cns., spot or contract, 100 lbs..lb.	4.00	-	—
cns., 25 lbs.....lb.	4.25	-	—

YOU can't doodle competition to death. Paint manufacturers who sit around drawing a dire picture when the sales curve starts down, should put away their doodles and look to their naphthas.

It's a fact that many paint manufacturers have found that unstable naphthas are the chief cause of gum formation, livering and discoloration.

Unfortunately unstable naphthas will pass routine laboratory tests. That's why the only way to be sure of your naphthas is to be sure of your source of supply. And that means Shell! Shell Naphthas are stable, uniform and safe. Over 600 skilled scientists—in 9 strategically located laboratories—are constantly working to maintain the high quality of Shell Naphthas. Add to this over 1500 Bulk Depots throughout the United States and you see why Shell is prepared to serve with fine naphthas anywhere, anytime. It will pay you to try Shell Naphthas next time!

SHELL SHELL NAPHTHAS

Phenol, USP, dms., c.l., works, frt. equald..lb.	.14½	-	.15½
l.c.l., same basis.....lb.	.15¼	-	.16¼
under 1,000 lbs.....lb.	.16¼	-	.17¼
tanks, works.....lb.	.13½	-	—
Phenolphthalein, USP, bbls., dms. 2,000-lb. lots..lb.	.85	-	—
bbls., dms., kegs, 100-250 lbs, lb.	.87	-	.89
Yellow, fib., dms., 2,000-lb. lots, lb.	.80	-	—
100-lb. fib., dms.....lb.	.82	-	—
25-lb. dms.....lb.	.87	-	—
50-lb. kgs.....lb.	.84	-	—
Phenyl chloride, dms.....lb.	.17	-	—
Phenylacetaldehyde, bots.....lb.	2.25	-	3.50
Dimethylacetate, cns.....lb.	14.50	-	16.00
Phenylethylphenyl acetate, bots., lb.	7.90	-	15.50
Phenylhydrazine base, CP, bots., lb.	4.00	-	—
Hydrochloride, CP, bots., works..lb.	4.00	-	—
commercial, kgs., works...lb.	1.50	-	—
pure, bbls., works.....lb.	2.25	-	—
Phloroglucinol, CP, tins, works.lb.	20.00	-	22.00
tech., tins, works.....lb.	15.00	-	16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton.	4.35	-	—
land pebble, 68% min., bulk, mines..long ton.	1.85	-	—
70% min., bulk, mines, long ton.	2.35	-	—
72% min., bulk, mines, long ton.	2.85	-	—
75% basis, 74% min., bulk mines..long ton.	3.85	-	—
Tenn., 72% bulk, mines, long ton.	4.50	-	—
75%, bulk, mines..long ton.	5.50	-	—
Phosphorus, red, cs. .....lb.	.40	-	.44
Yellow, cs. .....lb.	.24	-	.30
Phosphorous, oxychloride, cyls.lb.	.15	-	.18
Sesquisulphide, cs.....lb.	.38	-	.42
Trichloride, cyls.....lb.	.15	-	.18
Phthalamide, bbls., tons.....lb.	.35	-	—
single bbls.....lb.	.40	-	—
kgs. .....lb.	.45	-	.50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb.	.14½	-	—
l.c.l., same basis.....lb.	.15½	-	—
Pichi leaves, bgs.....lb.	.10	-	.12
Pilocarpine hydrochloride, bots., vis..oz.	2.40	-	2.50
Nitrate, bots., vis.....oz.	2.90	-	3.00
Pimento, bgs. .....lb.	.16¼	-	.16½
Pinkroot, bls. .....lb.	.35	-	.36
Pitch, Burgundy (see B)			
Coaltar, 160° m.p., bbls., c.l., works..ton.	19.00	-	—
l.c.l. .....ton.	22.00	-	—
hardwood, 1-time, dm., c.l., dlvd. Akron..ton.	23.75	-	24.00
linseed, dms. .....lb.	.05	-	.05¼
Petroleum (see Asphaltum, Mexican, Texas)			
Pine, bbls. .....lb.	6.00	-	6.25
Plaster of paris (see Gypsum).			
Pleurisy root, bls. .....lb.	.11	-	.12
Podophyllin, dms. .....lb.	4.75	-	4.95
Poke root, bls. .....lb.	.07½	-	.08
Pomegranate bark, bgs.....lb.	.16	-	.17
Root bark, bgs. .....lb.	.35	-	.36
Poppy flowers, red, bls.....lb.	.75	-	.85
Seed, Dutch, bgs.....lb.	.10	-	.10½
Polish, bgs. .....lb.	.10	-	.10½
Potash abietate .....lb.	.08	-	—
Acetate, tech., bbls., dlvd..lb.	.26	-	—
kgs., dlvd. .....lb.	.28	-	—
USP, bbls., 250 lbs.....lb.	.28	-	—
kgs., 100 lbs. .....lb.	.30	-	—
cns., 25 lbs. .....lb.	.33	-	—
Arsenite, USP, solut., cbys., 100 lbs..lb.	.11	-	—
demj., 50 lbs. .....lb.	.12	-	—
Bicarbonate, USP, cryst., bbls., 300 lbs.	.15	-	—
kgs., 100 lbs.....lb.	.17	-	—
gran., bbls., 250 lbs.....lb.	.15	-	—
kgs., 100 lbs.....lb.	.17	-	—
Bichromate, spot, c.l., works.lb.	.08⅞	-	—
6 casks or 10 bbls., or over, works..lb.	.09	-	—
5 casks or 9 bbls., or less, works..lb.	.09¼	-	—
Binoxalate, dms.....lb.	.23	-	—
Bisulphate, kgs.....lb.	.14	-	.18
Bromide, USP., gran., bbls., 500 lbs..lb.	.31	-	—
fib., dms., 100 lbs.....lb.	.32	-	—
Carbonate, calc., dms., c.l., works..lb.	.06½	-	—
l.c.l., same basis.....lb.	.06¾	-	—
hydrated, 83-85%, bbls., c.l., works..lb.	.05½	-	—
l.c.l., same basis.....lb.	.05¾	-	—
liquid, dms., c.l., dlvd....lb.	.03	-	—
l.c.l., dms.....lb.	.03½	-	—
tanks, dlvd.....lb.	.02871½	-	—
USP, gran., bbls., 325 lbs., lb.	.14	-	—
powd., bbls., 325 lbs.....lb.	.19	-	—
kgs., 100 lbs.....lb.	.21	-	—
Caustic, flake, 88-92%, dom., dms., c.l., works..lb.	.07	-	—
l.c.l. .....lb.	.07¼	-	.07½
import, dms.....lb.	.07	-	.07½
liquid, 45% basis, dms.....lb.	.03¼	-	.03½
tanks .....lb.	.02¾	-	—
solid, 88-92%, dom., dms., c.l., works..lb.	.06¼	-	—
l.c.l. .....lb.	.06½	-	.06¾
import, casks.....lb.	.06¼	-	.06¾
Chlorate, cryst., kgs.....lb.	.09¼	-	.09¾
gran., kgs.....lb.	.12	-	.13
powd., kgs.....lb.	.08½	-	.09
Chloride, tech., 98%, cryst., bgs., kgs..lb.	.04	-	.06
Chromate, kgs.....lb.	.24	-	.27
Citrate, USP, gran., bbls., 250 lbs..lb.	.33½	-	—
kgs., 100 lbs.....lb.	.34½	-	—
cns., 50 lbs.....lb.	.35½	-	—
cns., 25 lbs.....lb.	.37½	-	.38¼
Cyanide, cns., dms.....lb.	.50	-	.55
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots..lb.	.90	-	—
100-lb. lots.....lb.	1.00	-	—
50-lb. lots, cbys. or cns. lb.	1.05	-	—
25-lb. lots, cns.....lb.	1.15	-	—
Guiaiacolsulphonate, fib., dms., 100 lbs.	1.65	-	—
cns., 25 lbs.....lb.	1.75	-	—
Hydroxide, USP, sticks, cns... 100 lbs.	.30½	-	.32
Hypophosphite, cns., 100 lbs., lb.	.72	-	—
25 to 50 lbs.....lb.	.75	-	—
Iodate, bots., 5 lbs.....lb.	3.31	-	3.35
cns., 25 lbs.....lb.	3.20	-	—
Iodide, bbls., 250 lbs.....lb.	1.13	-	—
bots., or cns.....lb.	1.22	-	1.48
dms. .....lb.	1.13	-	1.16
Kainit, 20% K_2O, bulk, c.i.f., ports..ton.	12.25	-	—

Prices for potash kainit, manure salts, muriate, sulphate and potash magnesia sulphate for July 1938-May 1939 are subject to discount according to the time orders are placed and the time of delivery. See fertilizer market report for particulars.

Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.i.f. ports, unit-ton.	.58½	-	—
import, 30%, K_2O, bulk, shipt. unit-ton.	.58½	-	—
Metabisulphite, kgs.....lb.	.12	-	.13½
Muriate, dom., all strengths, min., 50% K_2O bulk, unit-ton.	.53½	-	—
import, all strength, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports.. unit-ton.	.53½	-	—

Potash muriate prices in bags are $2 per ton higher than bulk price.

OIL, PAINT AND DRUG REPORTER — August 8, 1938

RECEIVED AUG 8 1938

ADVERTISEMENT—*This entire page is a paid advertisement.*

Published Monthly by the U. S. Industrial Alcohol Co.

ALCOHOL NEWS

August ★ A Monthly Series of Technical Articles for Chemists and Executives ★ 1938

Need No Spoon For Exact Doses From New Dispensers

Accurate doses of liquid medicine can be taken easily and quickly without the customary teaspoon, the inventor of a new type of container-dispenser claims.

To use the device the tube closure cap is removed (see illustration) and the tube raised until a circular marking is even with the upper level of the liquid. The patient then draws out a dose predetermined by the position of the marking.

In addition to accuracy the inventor claims the advantage of convenience. Time dosage directions can be followed, he says, since medicine in the dispenser can be taken in the office, at school or while traveling.

Gravity Container for Hospitals

With a special container-dispenser for hospitals, the patient need not be disturbed, he continues. A tube is placed in the patient's mouth by an attendant who then unscrews a bottom cap which admits air and releases an exact dose of the liquid, the inventor asserts:

Iodo-ox-gall Compounds Make Potent Germicides

FANWOOD, N. J.—New iodine compounds, more germicidal yet less irritating than other known iodine compounds or preparations of iodine, are announced in a patent granted an inventor here.

The new compounds, described as "iodo-glycocholic" acid and "iodo-taurocholic" acid adsorption products, are prepared by adding iodine either to pure bile acids, or, where a cheaper base may be desirable, to solutions of commercial ox-gall, the patent papers reveal. When commercial ox-gall is used, the bile acids are made available as sodium salts.

In one example cited, 2 parts of absolute alcohol-purified ox-gall are dissolved in 15 parts of 95% alcohol and 1 part of iodine added. As soon as the ox-gall is completely dissolved, water or alcohol is added to bring the solution to the desired percentage of iodine.

In general, the patentee mentions, the germicidal action of the new compounds depends largely upon the amount of iodine adsorbed, although it is known that bile acids in themselves possess considerable antiseptic power. Not all the iodine is present in adsorbed form, according to the patent. It is possible to prepare halogen-substituted ox-gall and from this prepare halogen addition products.

Completes 52 Years With Webb

Fifty-two years of loyal service were completed on June 30 with the retirement of T. E. Roll, active and well liked member of the sales force for James A. Webb and Son, N. Y., a subsidiary of the U. S. Industrial Alcohol Co.

Mr. Roll, who joined the Webb company on September 8, 1886, was a specialist in the pure alcohol field and is remembered for his intimate knowledge in the drug and cosmetic industries.

Enlarged Magazine and Poster Campaign to Promote Super Pyro

U. S. I. Announces 1938 Anti-freeze Program. Advance Receipt of Dealer Orders Indicates Increased Sales for 1938

Over 8,000 outdoor posters in 500 centers and a 20% increase in space in four leading national magazines will constitute the foundation of the 1938 consumer advertising campaign to promote Super PYRO, the quality anti-freeze manufactured and distributed by the U. S. Industrial Alcohol Co. In certain metropolitan markets, such as New York City, newspapers will be employed instead of billboards, while in other centers, newspapers and radio will be used.

Introduced in 1933 as the original, popular-priced, premium quality anti-freeze retailing at $1.00 per gallon (25c qt.), Super PYRO has maintained its leadership for six years. More than $1,500,000 has already been spent on the promotion of Super PYRO, resulting in a jump from 800,000 users in its first year to over 4,000,000 last winter and a total of 15,000,000 satisfied users.

U.S.I. Largest Outdoor User

Motorists in 45 states will see the Super PYRO 24-sheet posters which, this year, feature the famous "Old Man Winter" in various poses depicting "defeat" with the caption, "has beaten Old Man Winter in 15,000,000 cars." Northerly sections will carry two months' posting and warmer areas one month's with the first showing scheduled to appear two weeks before the usual date for the first freezing spell. U. S. I. is the largest user of outdoor advertising in the anti-freeze field.

The magazine schedule provides up to five insertions in the *Saturday Evening Post*, *Collier's*, *Liberty* and *Country Gentleman*. The schedule for *Saturday Evening Post*, for example, opens with ½ pages in color, followed by full page in color and closing with ½ pages in both color and black and white. The magazine campaign which begins about November 1st, provides a circulation of 9½ million readers and a total of 35,000,000 "impressions."

(*Continued on next page*)

Herb Extract Bolsters Hope for 'Oral Insulin'

MONTREAL, Canada—Experiments with an old Indian herb remedy which may lead to the discovery of either a new insulin source or a substitute and eliminate hypodermic injections, are described in the *Canadian Medical Journal*.

Two British Columbia physicians report that an extract made by boiling bark from the roots of the "devil's club," a shrub that grows wild in great abundance along the coast has given "remarkable" results in a test group of diabetic rabbits.

The extract is taken through the mouth rather than by the hypodermic injection necessary with insulin, the article continues.

Rates War Gar Halogens As Valuable Fungicides

BALTIMORE, Md.—Comparing active halogen compounds of the war gas type as fungicides and bactericides, Weedon in the *Journal or Bacteriology* reports that Iodoacetone in acetone (1 to 500,000) kills penicillum spores and staphylococcus aureus in five minutes.

An ointment containing one part per thousand of the substance in yellow petroleum with 10% acetone and a varying amount of lanolin has healed fungus infections of the skin, including those in the scalp caused by *microsporon folinum*, the author reports. Ethyl iodoacetate and iodonitromethane are also valuable as fungicides, he asserts.

OVER 8,000 OF THESE POSTERS will appear approximately two weeks before the first cold spell in 500 centers in 45 states as part of U.S.I.'s 1938 campaign to promote Super PYRO anti-freeze. The consumer advertising schedule also includes color pages in four national magazines, radio and newspapers in certain metropolitan markets.

ADVERTISEMENT—*This entire page is a paid advertisement*

August ★ # ALCOHOL NEWS ★ 1938

Use Magazines & Posters To Promote Super Pyro

(*Continued from previous page*)

Dealer prices for Super Pyro will remain the same as 1938—54c a gal. on large drums, 60c on the 5-gal. and 1-gal. cans, and 65c on the quart cans. West of the Rocky Mountains dealer prices are slightly higher and the retail price is $1.20 per gallon or 30c a quart.

U. S. I. continues its policy of consigning stock of Super PYRO to carefully selected distributors whose commissions for selling provide 25% return on 54-gal. and 5-gal. drums, and 24% on gallon and quart cans, on volume exceeding 4,000 gallons.

Technical selling points for Super PYRO emphasize:

1. **Full Strength and Concentrated:** Provides extra margin of protection.
2. **Stops Rust and Corrosion:** Cooler running engine, freedom from radiator repairs.
3. **Longer Service:** Special oil reduces evaporation and loss from "after boil."
4. **Economy:** Complete winter protection at lowest cost.
5. **Non-poisonous:** No injurious effects from inhalation.
6. **Characteristic Color:** Retains color in radiator all season.

Over 800 distributors are now contacting 100,000 Super PYRO dealers following the general announcement of the 1938 program on June 15th. A variety of promotional and display material has been furnished both wholesalers and retailers.

Signed dealer orders for fall delivery of Super PYRO, which to date show a substantial increase over 1937, indicate increased sales and wider acceptance for 1938.

Samples of trade advertising on Super PYRO may be obtained by writing to U.S.I.

Commerce Dep't. Studies Rising Pectin Exports

WASHINGTON, D. C.—With pectin exports now assuming important proportions, the Department of Commerce has announced that, beginning in June, U. S. exports of pectin by quantity and value, and countries of destination, will be reported monthly.

During the first quarter of the current year a total of 47,539 pounds valued at $37,917 were exported to 15 markets.

Knowing "Dry-Ice" Facts Will Prevent Accidents

As "Dry-Ice" comes to be more and more a commodity in every-day use, people are likely to become careless with it. In the interest of safety, the U. S. Industrial Alcohol Co. is anxious to broadcast the following facts about the product which is manufactured by an associate company.

"Dry-Ice" is solid carbon dioxide at a temperature of —109°F. If held in prolonged contact with the skin, it can cause frost-bite. If swallowed it would probably cause internal injury. "Dry-Ice" sublimates, i.e., passes from the solid to the gaseous state directly, and is capable of producing a certain amount of pressure while doing so.

The latter property is a potential hazard. A child might put a piece of "Dry-Ice" into a bottle to hear the "pop" when the cork comes out. Obviously, the bottle may burst if the cork doesn't come out and someone is liable to be hurt.

The intelligent cooperation of all informed persons is earnestly solicited to prevent injuries resulting from the misuse of "Dry-Ice."

["Dry-Ice" is the registered trade-mark of Pure Carbonic Incorporated for the product, solid carbon dioxide.]

SUPER PYRO DISTRIBUTORS and their salesmen in the Chicago territory left the sixth annual meeting on June 28th with new enthusiasm after hearing plans for the 1938 campaign.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

Faster and more effective sterilization of tanks, mixers, kettles, vats, etc., is claimed for a bactericide which is said to have a more active form of available chlorine. Described as non-injurious to metallic and glass-lined surfaces, the solution drains freely, leaving no precipitates. The manufacturer also reports that fungus, mold and bacterial growths in food storage, rooms, etc., are effectively controlled by spray or vaporization methods. **(No. 121a)**

U S I

Amorphous waxes said to be good substitutes for beeswax and also for ozokerite in many applications have been introduced. The melting points range around 165°F., but films of the waxes are unaffected by submersion in water at 175°F., according to the manufacturer. The waxes are tasteless and odorless as well as plastic at freezing temperature, and remain amorphous after continued or repeated heating, he adds. **(No. 122a)**

U S I

Refined grape seed oil, said to be practically colorless and odorless and to have excellent keeping qualities, is now on the market. Suitability to the manufacture of stable creams and lotions, hair preparations, shaving creams, etc., is claimed. **(No. 123a)**

U S I

A new emulsifying-type disinfectant is said to have an unusually pleasing lilac odor, a phenol coefficient of 5 and is non-toxic, -corrosive, -irritating, -caustic or -poisonous. It is also stated that the material does not deteriorate with age and possesses an odor so pleasant that it can be diluted with water and used as a theatre spray deodorant. **(No. 124a)**

U S I

Heat-seal label paper particularly suited to perfumers, acording to the manufacturer, will adhere firmly even to plain transparent cellulose and metal foils when apolied with low heat and slight pressure. The paper is not tacky but looks and feels like ordinary paper, the manufacturer adds, and is available in flat sheets and rolls. **(No. 125a)**

U S I

A new odor for polishes, adhesive, etc., is said to have definite advantage over wintergreen and sassafras in pungency and lasting quality. The odor was originally developed for inexpensive hand soaps, an announcement states. **(No. 126a)**

U S I

A new quince seed mucilage for wave set preparations is described as a thick, relatively light-colored paste which very rapidly disperses in water to give a clean, colorless, stringy gum solution, according to a trade paper announcement. The concentrate is preserved in its paste and diluted form and can easily be colored and perfumed, the announcement states. **(No. 127a)**

U S I

Development of a new germicide and fungicide with a phenol coefficient of 57 against *E. typhi* was announced recently. It is intended for use in the production of aqueous antiseptic solutions and the preservation of adhesives, pastes, hides, dextrine, albumen, etc. The product is said to be water-soluble, non-irritating to the skin and relatively non-toxic, especially in the low concentrations of practical use. **No. 128a)**

U S I

New Hyacinth flower oils are said to be based on hitherto unknown synthetics. The new specialties, it is stated, do not contain bromstyrol or phenylacetaldehyde usually employed in hyacinth perfumes. **(No. 129a)**

U.S.I INDUSTRIAL ALCOHOL CO.
U.S.I INDUSTRIAL CHEMICAL CO. INC.

WORLD'S LARGEST PRODUCERS OF INDUSTRIAL ETHYL ALCOHOL

SPECIALLY DENATURED-*All Formulas* • COMPLETELY DENATURED-*All Formulas* • ANHYDROUS-*Denatured* • ABSOLUTE-*Pure*

SOLOX-*The General Solvent* • U. S. I. DENATURED ALCOHOL • SUPER PYRO *Anti-Freeze*

PURE (190 PROOF) TAX PAID—TAX FREE

U. S. I.—U. S. P.-*Ethyl* • WEBB'S-*Ethyl*

Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities.

Potash, oxalate, pure, cryst, kgs. lb. .30 - .31
tech., bbls. lb. .25 - .26
Nitrate, crude, bgs., c.l.f. ports. ton.55.00 Nom.
Perchlorate, kgs., works. lb. .09 - .10½
Permanganate, tech., dms. lb. .18½- .19
Prussiate, red, bbls. lb. .30½- .34
yellow, bbls. lb. .15 - .16
Ricinoleate, tech., bbls. lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs. lb. .13 - —
kgs., 100 lbs. lb. .14 - —
powd., bbls., 350 lbs. lb. .14 - —
kgs., 100 lbs. lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports. ton.38.00 - —
l.c.l. lb. .13½- —
Xanthate, dms., c.l. lb. .13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton.25.75 - —
Potash-titanium oxalate, kgs. lb. .35 - .40
Prickly ash bark, bls. lb. .11 - .12
Berries, bls. lb. .14 - .15
Prince's pine herb, bls. lb. .21 - .22
Propane, tanks, G.3. gal. .03 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls. lb. .17 - .18
Pumice stone, Italian, Amer, -grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works. lb. .03 - —
less than 3, works. lb. .03½- —
F and 1, bbls., 3 or over, works. lb. .03½- —
less than 3, works. lb. .04 - —
O, O-½, O-¾, and ½, bbls., less than 3, works. lb. .04½- —
3 or over, works. lb. .04 - —
Ital.-grd., bgs., c.l., shipt. ex dock, N.Y. ton.32.85 Nom.
l.c.l., 5-29 tons, ex whse. ton.37.70 - —
1,000-10,000 lbs., ex whse. ton.38.70 - —
2 bgs. to 1,000 lbs., ex whse. ton.40.70 - —
single bgs., ex whse. ton.45.70 - —
Pumpkin seed, bgs. lb. .10 - .12
Purple lake (see Red).
Putty, com'l, dms. 100 lbs. 3.00 - —
linseed oil, raw, dms. 100 lbs. 4.50 - —
refined, dms. 100 lbs. 5.00 - —
standard, dms. 100 lbs. 3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55-gal. dms. (incl.) frt. alld. E. of Rockies, standard brand. gal. 6.40 - 6.75
basis (30 to 1) 3.6% pyrethrins 55-gal. dms., (incl.) frt. alld. E. of Rockies, standard brand. gal. 9.60 - 9.95
Pyrethrum, flowers, coarse grnd. (g.d.p.), Japan, bgs., frt. alld., 15 tons or over. lb. .27 - .28½
fine powd. Japan, bbls., ton lots frt. alld. lb. .28 - .30
Pyridin, denaturing, dms. gal. 1.53 - —
refd., 2°, dms. lb. .45 - —
Pyrites, Spanish, bulk, c.l.f. Atl. ports. unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst., works, fib, dms, tins. lb. 2.15 - 2.40
resublimed, fib. dms., tins. lb. 4.60 - —
Pyrophyllite, standard, 200 mesh, c.l. mines. ton. 9.00 - —
25 mesh, same basis. ton.12.00 - —
No. 3, 200 mesh, c.l. mines. ton. 7.50 - —
325 mesh, same basis. ton.10.50 - —
Pyroxylin, scrap, amber, cs., works. lb. .15 - —
black, cs., works. lb. .10 - —
China white, ivory, cs., works. lb. .16 - —
dense white, cs., works. lb. .12 - —
gray, cs., works. lb. .10 - —
mixed, mottles, opaque, cs., works. lb. .04 - —
shell-dem., cs., works. lb. .12 - —
translucent pastels, cs., works. lb. .10 - —
transparent, cs., works. lb. .20 - —
colors, cs., works. lb. .12 - —
shavings, amber, cs., works. lb. .16 - —
colors, mixed, cs., works. lb. .10 - —
white, cs., works. lb. .15 - —

Q

Quassia, chips, bls. lb. .05 - .06
Quebracho extract, liquid, 35% tan., bbls., works. lb. .03¾- —
tanks, works. lb. .02⅞- —
solid, 63%, bgs., c.l., ex dock, plus duty. lb. .04 - —
clarified, 64%, bgs., c.l., same basis. lb. .04¼- —
Queen of the meadow leaves, bgs. lb. .07 - .08
Root, bgs. lb. .09 - .10
Quercitron, extract, liquid, 51°, bbls. lb. .07½- .08½
solid, dms. lb. .10 - .15½
Quicksilver, dom., flasks (76 lbs. net), dlvd., N.Y. flasks.76.50 -84.50
Quince seed, bgs. lb. .85 - 1.00
Quinidine, cryst., small cns. oz. .96 - —
large, cns. oz. .98 - —
powd., precip., cans. oz. .91 - —
Sulphate, cns. oz. .67 - —
Quinine, 100 ozs., cns. oz. .76 - —
Acetate, cns. oz. .99 - —
Arsenate, cns. oz. .99 - —
Arsenite, cns. oz. 1.01 - —
Bisulphate, cns. oz. .54 - —
Citrate, cns. oz. .72 - —
Dihydrobromide, bots. oz. .75 - —
Dihydrochloride, bots. oz. .75 - —
Ethylcarbonate, cns. oz. .75 - —
Ferrocyanide, cns. oz. 1.01 - —
Formate, cns. oz. .94 - —
Glycerophosphate, cns. oz. 1.14 - —
Hydrochloride, cns. oz. .68 Nom.
Hydrochlorosulphate, cns. oz. .75 - —
Hydroiodide, cns. oz. .99 - —
Hypophosphite, cns. oz. .99 - —
Phosphate, cns. oz. .82 - —
Salicylate, cns. oz. .73 - —
Sulphate, U.S.P. X, cns. oz. .54 - —
U.S.P. XI, cns. oz. .61 - —
Sulphocarbolate, cns. oz. .97 - —
Tannate, cns. oz. .57 - —
Tartrate, cns. oz. .97 - —
Valerate, cns. oz. .93 - —
Quinine-urea hydrochloride cns. oz. .75 - —

R

R, salt, dry, bbls. lb. .53 - —
paste, dms. lb. .52 - —
Rapeseed, Belgian, bgs. lb. .06½- .07
Dutch, bgs. lb. .06½- .07
Japanese, bgs. lb. .06½- .06½
Raspberries, dried, bls. lb. .50 - .55
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. 1.10 - 1.90

Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Red, cadmium, lithopone, deep shade, bbls., ton lots, works frt. alld. lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis. lb. .90 - —
smaller lots, same basis. lb. .95 - —
light shade, bbls., ton lots, same basis. lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis. lb. .80 - —
light-medium shade bbls., ton lots, same basis. lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis. lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls, ton lots, same basis. lb. .80 - —
small lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark, works. lb. 2.50 - —
light, works lb. 2.25 - —
Orange, bbls., 100-lb. lots, works. lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs., lb. 4.15 - —
dms., 500-lb. lots. lb. 4.00 - —
100-lb. lots lb. 4.10 - —
Crocus martis (see Red, purple oxide.)
Eosin toner, bbls. lb. 1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y. lb. .08¾- —
80%-85%, bbls., same basis. lb. .07¼- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts. lb. 1.25 - —
open order. lb. 1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contrs. lb. .75 - —
open order. lb. .80 - —
Rose lake, bbls. lb. .20 - .30
Pink, bbls. lb. .15 - .20
Lithol-rubin toner, bbls., same basis alizarin lake. lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts. lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom. bbls. lb. 1.26 - —
Metallic, bbls., Pa., works. lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works. lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N.Y. lb. .08¼- —
80% copperas oxide, bbls., same basis. lb. .07⅝- —
Para, toner, concent., kegs, same basis alizarin lake, contracts. lb. .75 - —
open order. lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y. lb. .04½- .04⅝
ex whse., Chicago, St. Louis. lb. .05⅝- —
San Fran., Los Ang., Portland, Seattle. lb. .06 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs. lb. 3.90 - —
Purple lake, kegs. lb. .60 - 1.90
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis. lb. .03 - —
Toner, kgs. lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake. lb. .45 - —
Lake, kgs., same basis alizarin lake. lb. .25 - .30
Spanish oxide, bbls., f.o.b. N.Y., lb. .03⅜- .0390
Toluidin toner, kgs., same basis alizarin lake. lb. 1.35 - —
Tuscan, bbls., f.o.b. N.Y., E. St. Louis. lb. .11 - .40
Venetian, bbls., works. lb. .0220- —
10%, bbls., works. lb. .0245- —
15%, bbls., works. lb. .0255- —
20%, bbls., works. lb. .02¾- —
25%, bbls., works. lb. .03 - —
30%, bbls., works. lb. .03¼- —
35%, bbls., works. lb. .0360- —
40%, bbls., works. lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake. lb. .15 - —
English quicksilver, bbls., 500 lb. 1.55 - —
smaller lots. lb. 1.56 - 1.69
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more. lb. 1.51 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works. lb. .75 - .80
USP. cryst., bbls., works. lb. 1.50 - 1.55
Rhatany root, bgs. lb. .09 - .10
Rhodinol, bots. lb. 6.65 -13.00
Rhubarb root, cs. lb. .32 - .33
powd., bbls., kgs. lb. .36 - .37
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't. lb. .17¾- —
smaller lots. lb. .18¼- —
powd., bbls., 5,000 lbs., 1 shipt. lb. .16¾- —
smaller lots. lb. .17¼- —
Rose flowers, pale, bls. lb. .25 - .28
red, bls. lb. 2.25 - 2.30
Rosemary flowers, bls. lb. .25 - .30
Leaves, bls. lb. .05 - .06
Rosin, gum B, bbls., ex docks, 280 lbs. 4.75 - —
D, bbls. 280 lbs. 5.10 - —
E, bbls. 280 lbs. 5.50 - —
F, bbls. 280 lbs. 5.85 - —
G, bbls. 280 lbs. 5.85 - —
H, bbls. 280 lbs. 5.95 - —
I, bbls. 280 lbs. 5.95 - —
K, bbls. 280 lbs. 5.95 - —
M, bbls. 280 lbs. 5.95 - —
N, bbls. 280 lbs. 6.70 - —
W. G., bbls. 280 lbs. 6.90 - —
W. W., bbls. 280 lbs. 7.60 - —
X, bbls. 280 lbs. 7.65 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines. ton.35.00 - —
l.c.l., ex whse. ton.50.00 - —
Rue, bls. lb. .15 - .16

S

Sabadilla seed, powd., bbls. lb. .19 - .20
Saccharin, dms., 100 lbs. lb. 1.70 - —
cns., 25 lbs. lb. 1.75 - 2.05
Safflower, bls. lb. .25 - .26
Saffron, Mexican, bls. lb. .28 - .29
Spanish, tins. lb. 28.00 -30.00
Sarrol, cns. lb. .52 - .53
dms. lb. .50 - .51
Sage, Dalmatian, stemless. lb. .05¾- .06
garden, bls. lb. .06¼- .06½
Sago flour, bgs. lb. .02½- .03⅛
Salicin, bots., 5 lbs. lb. 5.00 - —
cns., 25 lbs. lb. 4.75 - —
Salol, gran., bbls., 200 lbs. lb. .90 - —
bxs., 25 lbs. lb. .93 - —
kgs., 100 lbs. lb. .96 - —
powd., fib. dms., 25 lbs. lb. 1.03 - —
kgs., 100 lbs. lb. 1.00 - —
Salt, rock, bgs., dlvd., N.Y. ton.13.20 -13.80
l.c.l., bgs., dlvd., N.Y. ton.15.00 -15.60
vacuum, common, fine, bgs., c.l., dlvd., N.Y. ton.15.30 - —
l.c.l., dlvd. N.Y. ton.16.30 -21.00
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works. ton.15.00 - —
import, bulk, c.l.f. ton.15.00 -16.00
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls. 100 lbs. 7.50 - 8.25
1-9 tons. 100 lbs. 7.65 - 8.40
less than ton lots. 100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons, 100 lbs. 6.50 - —
1-9 tons. 100 lbs. 6.65 - —
less than ton lots. 100 lbs. 6.90 - —
powd., bbls., 10-20 tons. 100 lbs. 7.50 - —
1-9 tons. 100 lbs. 7.65 - —
less than ton lots. 100 lbs. 7.90 - —
Santonin, cryst., cns. lb.21.00 -22.00
Saponin, crude, cns. lb. 1.45 - —
purified, bots., 5 lbs. lb. 1.65 - —
cns., 25 lbs. lb. 1.50 - —
Sarsaparilla root, Honduras, bls. lb. .40 - .41
Mexican, bls. lb. .16 - .18
Sassafras, bark, ord., bls. lb. .13 - .15
select, bls. lb. .18 - .20
Savory, bbls. lb. .07 - .07¼
Saw palmetto berries, bgs. lb. .07 - .07½
Scammony root, bgs. lb. .06 - .07
Schaeffer's salt, bgs. lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't. lb. .13⅞- —
smaller lots. lb. .14⅜- —
kegs, 5,000 lbs., 1 shipm't. lb. .14⅜- —
smaller lots. lb. .14⅝- —
Selenium, pwd., A, 10-lb. tins. lb. 2.00 - —
100-lb. cases lb. 1.75 - —
Senega, root, bls. lb. .47 - .48
Senna, leaves, Alexandria, bls. lb. .10 - .14
siftings, bls. lb. .10 - .11
Tinnevelly, No. 1, bls. lb. .09 - .10
2 bls. lb. .07 - .08
3 bls. lb. .05 - .06
powd., bbls., bxs. lb. .09 - .10
Pods, bls. lb. .06½- .06
Serpentaria root, bls. lb. .75 - .80
Shellac, bleached, bonedry, bbls., f.o.b., N.Y. lb. .19 - .20
dlvd. Boston. lb. .19½- .20½
Chicago lb. .19¾- .20⅝
Pacific Coast. lb. .22 - .23
refd., bbls., f.o.b. N.Y. lb. .25 - —
dlvd. Boston. lb. .25½- —
Chicago lb. .25¾- —
Pacific Coast. lb. .28 - —
Garnet, bgs. lb. .13½- .14
Orange, D.C., VSO., Diamond, cases. lb. .20 - .21
Superfine, bgs., f.o.b. Bost. N.Y. lb. .11½- .12
dlvd. Chicago. lb. .12 - .12½
Pacific Coast. lb. .15 - .15½
T.N., bgs., f.o.b. Bost. N.Y. lb. .11 - .11⅝
dlvd. Chicago. lb. .11½- .12
Pacific Coast. lb. .14 - .14½
Shellac varnish, orange, 5-lb. cut, bbls. gal. .85 - .95
4½-lb. cut, bbls. gal. .80 - .90
4-lb. cut, bbls. gal. .75 - .85
white, 5-lb. cut, bbls. gal. 1.00 - 1.10
4½-lb. cut, bbls. gal. .95 - 1.05
4-lb. cut, bbls. gal. .90 - 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works. ton.17.00 - —
l.c.l., 2½ tons, works. ton.19.00 - —
smaller lots, works. ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works. ton.18.00 - —
l.c.l., 2½ tons, works. ton.19.50 - —
smaller lots, works. ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works. ton.36.50 - —
smaller lots, works. ton.38.00 - —
96-98%, 325 mesh., bgs., c.l., works. ton.20.00 - —
l.c.l., 2½ tons, works. ton.21.50 - —
smaller lots, works. ton.23.00 - —
99%, 325 mesh, bgs., c.l., works. ton.22.00 - —
l.c.l., 2½ tons, works. ton.25.50 - —
smaller lots. ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works. ton.11.00 - —
l.c.l., works. ton.16.00 - —
Silver bullion. oz. .42⅜- —
Govt. purchase. oz. .6464- —
Nitrate, vis. oz. .31½- .33⅛
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simaruba bark, bls. lb. .27 - .28
Skatol, bots lb.75.00 -80.00
Skullcap, Eastern, bls. lb. .20 - .21
Western, bls. lb. .14 - .17
Skunk cabbage root, bls. lb. .18 - .19
Slate flour, bgs., c.l., works. ton. 9.00 - —
l.c.l., works. ton.10.00 -15.00
Sloe berries, bgs. lb. .09 - .10
Smalt, black, extra velvet, ctns. lb. .05 - .08
Blue, cts. lb. .07 - .08½
Snakeroot, Canada, bls. lb. .24 - .26
Soapbark, bls. lb. .07 - .08
crushed, bls., bbls. lb. .11 - .12
cut, bls., bbls. lb. .09 - .10
powd., bbls. lb. .13 - .14
Soda, abietate, dms. lb. .10 - —
Acetate, anhyd., dms., dlvd. lb. .08¼- —
flake, gran., powd., 60%, dms., c.l., dlvd. lb. .04 - —
l.c.l., dlvd. lb. .04½- .05
Alginate, dms. lb. .69 - —
Antimoniate, bbls. lb. .12 - .12½
Arsenate, dms., dealers, c.l., works. lb. .08 - —
l.c.l., dms., works. lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works. lb. .07½- .09½
l.c.l., dms., works. lb. .08 - .10
white, dms., c.l., dealers' works. lb. .09 - .11
l.c.l., dms., works. lb. .09½- .11⅛
liquid, 50 gls., dms. gal. .35 - —
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Potash—Soda Fluoride

Soda, ash, dense, 58%, bgs., c.l., works. 100 lbs. 1.10 - —
l.c.l., Zone 1. 100 lbs. 2.13 - —
2 100 lbs. 2.28 - —
3 100 lbs. 2.33 - —
4 100 lbs. 2.93 - —
bbls., c.l., works. 100 lbs. 1.35 - —
l.c.l., Zone 1. 100 lbs. 2.35 - —
2 100 lbs. 2.50 - —
3 100 lbs. 2.75 - —
4 100 lbs. 3.15 - —
bulk, c.l., works. 100 lbs. .95 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.08 - —
l.c.l., Zone 1. 100 lbs. 2.08 - —
2 100 lbs. 2.23 - —
3 100 lbs. 2.48 - —
4 100 lbs. 2.88 - —
bbls., c.l., Zone 1. 100 lbs. 1.48 - —
58%, bbls., c.l., Zone 2. 100 lbs. 2.60 - —
3 100 lbs. 2.85 - —
4 100 lbs. 3.25 - —
l.c.l., Zone 1. 100 lbs. 2.45 - —
bulk, c.l. 100 lbs. .90 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.05 - 1.08
l.c.l., Zone 1. 100 lbs. 2.08 - —
2 100 lbs. 2.23 - —
3 100 lbs. 2.48 - —
4 100 lbs. 2.88 - —
bbls., c.l., works. 100 lbs. 1.25 - —
l.c.l., Zone 1. 100 lbs. 2.35 - —
2 100 lbs. 2.50 - —
3 100 lbs. 2.75 - —
4 100 lbs. 3.15 - —
bulk, c.l. 100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more. lb. .39 - —
1,000 to 3,900 lbs. lb. .40 - —
900 lbs. or less. lb. .43 - —
USP, bbls., 4,000 or more. lb. .46 - —
1,000 to 3,900 lbs. lb. .47 - —
900 lbs. or less. lb. .50 - —
dms, 4,000 lbs., or more. lb. .47 - .48
1,000 to 3,900 lbs. lb. .48 - .49
900 lbs. or less. lb. .51 - .52
Bicarbonate, gran., bbls., c.l., works. 100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N.Y. 100 lbs. 2.51 - —
kgs., c.l. 100 lbs. 2.10 - —
l.c.l., dlvd N.Y. 100 lbs. 2.76 - —
Bichromate, spot, c.l., works. lb. .06⅞- —
6 cks. or 10 bbls. or over, works. lb. .07 - —
5 cks. or 9 bbls. or less, works. lb. .07¼- —
Difluoride, bbls. lb. .12½- .15
Bisulphite, powd., bbls., c.l., bbls., wks. 100 lbs. 3.30 - 3.55
l.c.l., works. 100 lbs. 3.50 - 3.60
solution, 32 doz., bbls., c.l., works. 100 lbs. 1.30 - —
l.c.l., bbls., works. 100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works. 100 lbs. 1.60 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works. 100 lbs. 1.65 - —
40 deg., bbls., works. 100 lbs. 1.55 - —
l.c.l., bbls., works. 100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs. lb. .31 - —
fiber dms., 100 lbs. lb. .32 - —
Cacodylate, bots., 5 lbs. lb. 5.81 - —
jars, 25 lbs. lb. 5.50 - —
Carbonate (see Soda ash, soda menohydrated, soda, sal)
Caustic, flake, 76%, 1, gr., powd., ammon. process, bbls., c.l., works. 100 lbs. 2.70 - —
dms., c.l., works. 100 lbs. 2.70 - —
l.c.l., Zone 1. 100 lbs. 3.55 - 4.90
2 100 lbs. 3.70 - 5.05
3 100 lbs. 3.95 - 5.30
4 100 lbs. 4.35 - 5.70
electro process, dms., c.l., works. 100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works. 100 lbs. 1.95 - —
seller's tanks, works, 100 lbs. 1.97½- —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works. 100 lbs. 2.30 - —
l.c.l., Zone 1. 100 lbs. 3.15 - —
2 100 lbs. 3.30 - —
3 100 lbs. 3.55 - —
electro process, dms., c.l., works. 100 lbs. 2.30 - —
l.c.l., same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works. lb. .06¼- —
l.c.l., works. lb. .06¼- —
powd., bgs., c.l., works. lb. .06½- —
l.c.l., works. lb. .07 - .08½
Citrate, U.S.P., VIII, gran., bbls. 225 lbs. .19½- —
cns., 50 lbs. lb. .21½- —
25 lbs. lb. .23½- .24½
kgs., 100 lbs. lb. .20½- —
USP XI, gran., bbls., 250 lbs. lb. .26 - —
cns., 50 lbs. lb. .28 - —
25 lbs. lb. .30 - .31
kgs., 100 lbs. lb. .27 - —
U.S.P., XI, powd., bbls., 250 lbs. lb. .26½- —
cns., 50 lbs. lb. .28½- —
25 lbs. lb. .30½- .31½
kgs., 100 lbs. lb. .27½- —
Cyanide, 96-98% dom., dms., lb. .14 - .15
import, 90% cs. lb. .12¾- .13¾
Diacetate, 33-35% acidity, bbls., dlvd. lb. .09 - —
Fluoride, white, 90% bbls., c.l., f.o.b. Phila. lb. .07¼- —
l.c.l., 10 or over, same basis. lb. .07¾- —
5-9, same basis. lb. .08½- —
1-4, same basis. lb. .08¾- —
95%, bbls., c.l., same basis, lb. .07½- —
l.c.l., 10 or over, same basis. lb. .08 - —
5-9 same basis. lb. .08½- —
1-4, same basis. lb. .08¾- —

Soda fluoride prices at Los Angeles are f.a.s. Phila.

MANUFACTURERS OF: BISMUTH SUBCARBONATE . . BISMUTH SUBGALLATE . . BISMUTH SUBNITRATE AND OTHER BISMUTH SALTS . . BRUCINE ALKALOID . . BRUCINE SULFATE . . ALL SALTS OF CINCHONA ALKALOIDS . . CODEINE ALKALOID . . CODEINE PHOSPHATE . . CODEINE SULFATE . . IODINE RESUBLIMED . . IODOFORM . . MENTHOL-Y . . MORPHINE ALKALOID . . MORPHINE SULFATE . . OPIUM GUM (Gran. and Powd.) . . POTASSIUM IODIDE (Cryst.—Gran.—Powd.) . . QUININE SULFATE AND OTHER QUININE SALTS . . STRYCHNINE ALKALOID . . STRYCHNINE SULFATE . . THYMOL IODIDE . .

THE NEW YORK QUININE AND CHEMICAL WORKS, INC.

99-117 NORTH ELEVENTH STREET, BROOKLYN, N. Y.

ST. LOUIS DEPOT . . . . . 915 MARKET STREET

Soda, glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots.. lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP., sticks, cns., 160 lbs..lb. .20½- .22
Hypophosphite, N.F., cns.... 100 lbs..lb. .67 - —
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd, 100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks, frt. equal'd 100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
100 lbs. 2.40 - 2.65
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs., and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., wks., 100 lbs. 3.10 - 3.35
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks, 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars .....lb. 2.10 - —
bots. .....lb. 2.21 - 2.47
Mandelate, bots., 5 lbs.....lb. 3.30 - —
fib dms., 25 lbs.....lb. 3.15 - —
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., works.100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., Aug. delivery, f.o.b. cars producing point or ports, rail or boat shipment..ton. 20.00 - —
200-lb. bgs., same basis..ton. 28.30 - —
bulk, same basis.....ton. 27.00 - —
rfd., gran., bbls., 10 tons.. 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
pwd., bbls., ton lots.100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized..lb. .06¾- —
c.l., West Coast, f.o.b. f.o.b. ports..lb. .08 - —
l.c.l. .....lb. .08¼- .11¼
Soda nitrate l.c.l. price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .11 - —
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works..100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.40 - —
monobasic, anhyd., bbls., c.l., 100 lbs. 7.45 - —
l.c.l. .....100 lbs. 8.20 - —
tribasic, bgs., c.l., works.. 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works.....100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.10 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works. lb. .09½- .10
Pyrophosphate, anhy., c.l., bgs., wks., frt. equal'd..100 lbs. .5.90 - —
bbls., c.l., same basis, 100 lbs. 6.10 - —
10,000 lbs. or over, bgs., same basis..100 lbs. 6.25 - —
bbls., same basis.....100 lbs. 6.45 - —
less than 10,000 lbs., bgs., same basis..100 lbs. 6.90 - —
bbls., same basis....100 lbs. 7.10 - —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms., and up, dlvd.N.Y.C. 100 lbs. 3.65 - —
5-19 dms.....100 lbs. 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .05¼- .05½
import, bbls. .....lb. .04½- .05
Stannate, dms.....lb. .29 - .32
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., works, 100 lbs. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. 2.00 - 2.10
tech., kgs.....lb. 1.30 - 1.35

Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld. gal. .26 - —
W. coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .17 - —
l.c.l. .....lb. .18 - —
Sparteine sulphate, cns.....oz. 1.00 - 1.05
Spearmint leaves, bls.....lb. .19 - .20
Spikenard root, bls.....lb. .13 - .14
Spruce extract, bbls., works...lb. .01½- —
tanks, works.....lb. .01½- —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01¾- —
tanks, works.....lb. .01¾- —
Squawvine leaves, bls.....lb. .15 - .16
Squill red, bls.....lb. .14 - .15
white, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .06½- .07
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.55 - 2.75
dlvd., N. Y. .....100 lbs. 2.90 - 3.10
powd., bgs., f.o.b. Chicago. 100 lbs. 2.65 - 2.85
dlvd., N. Y.....100 lbs. 3.00 - 3.20
Potato, dom., bgs.....lb. .04 - .05
import, bgs.....lb. .05 - .06
Rice, bbls.....lb. .06¼- .07¼
Wheat, thick boil, bbls.....lb. .06¾- —
Staveacre seed, bgs. .....lb. .17 - .18
Stearin, oleo, bbls.....lb. .08½- .08¾
Stillingia root, bls.....lb. .08 - .09
Stonecroot, bls.....lb. .07½- .08
Storax, cs.....lb. .48 - .49
Stramonium leaves, bls.....lb. .13 - .14
Seed, bgs.....lb. .09 - .10
Strontium bromide, fib, dms..lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
Chloride, bbls. .....lb. .13½- —
Iodide, bots., 5 lbs.....lb. 2.90 - —
jars, 25 lbs.....lb. 2.85 - —
Nitrate, dom., bbls., c.l., works..lb. .08¼- —
25 bbls. and over.....lb. .08¾- —
1-4 bbls. and over.....lb. .09¼- —
import, bbls.....lb. .08¼- .09¼
Strophanthus seed, Kombe, bgs.lb. 1.20 - 1.25
Strychnine, cryst., cns., 100-oz. lots..oz. .39 - —
powd., cns., 100-oz. lots...oz. .29 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .57 - —
Arsenate, 25-oz. cns., 100-oz. lots..oz. .60 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .57 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .59 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .57 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .68 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .50 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .59 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .35 - —
powd., cns., 100-oz. lots. oz. .25 - —
Styralyl acetate, bots.....lb. 6.75 - 7.00
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk., bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb. bots.....lb. 1.90 - —
fib., dms., 1,000 lbs.. 1 delivery, lb. 1.50 - —
100 lbs.....lb. 1.55 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts, long ton.18.00 - —
c.l., spot, nearby, long ton.21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long ton.22.00 -25.00
Bost., Portland..long ton.22.50 -25.50
flowers, bgs., c.l., works.100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.25 - 3.75
bbls., wks.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works. 100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works, 100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.60 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bgs., c.l., works. 100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works..... 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works..100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works. 100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
Chloride, 55-gal. dms., c.l....lb. .03 - —
l.c.l., dms., works.....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works..lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - —
Sumac berries, bgs.....lb. .06 - .07
Sumac, grd., Sicilian, bls....ton. 66.00 - —
leaf, bales.....ton. 68.00 - —
Extract, 42°, bbls.....lb. .05¼- .06¼
51°, bbls.....lb. .06½- .06¼
stainless, bbls.....lb. .06½- .08¼
Sunflower seed, Calif., large, bgs., lb. .06 - .06½
medium, bgs. .....lb. .04½- .05
poultry, bgs.....lb. .03½- .04
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 44-45%, a.p.a. bulk, f.o.b. Balto..unit-ton. .75 Nom.

T

Talc., dom., Calif., 1, bgs., c.l., mills..ton. 20.00 - —
2, bgs., c.l., mills.....ton. 17.00 - —
N.Y., fibrous, 93-94%, 325 mesh bgs., c.l., mills.. ton. 14.00 - —
l.c.l., mills.....ton. 16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton. 15.00 - —
l.c.l., mills.....ton. 17.00 - —
98-99½%, 325 mesh, bgs., c.l., mills..ton. 15.25 - —
l.c.l., mills.....ton. 17.25 - —
99.85-99.95%, 325 mesh, bgs., c.l., mills...ton. 17.00 - —
coarse, off color, bgs., c.l., mills..ton. 11.00 -13.00
Ohio, alum-mag. type, grd., bgs., c.l., mills..ton. 21.00 - —
l.c.l., mills.....ton. 24.50 - —
Vermont, bgs., c.l., mills. ton. 14.00 - —
l.c.l., ex whse.....ton. 25.00 - —
Canad., bgs., c.l., mills...ton. 11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton. 45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton. 23.00 -25.00
l.c.l., ex whse.....ton. 27.50 -32.50
Italian, 1, bgs., ex dock, arrival. ton. 65.00 -67.00
ex whse.....ton. 85.00 -
2, bgs., ex dock, arrival. ton. 60.00 -62.00
Tallow, animal, edible, bbls...lb. .07¼- .07¾
extra, loose, works.....lb. .05½- —
special, loose, works.....lb. .05¾- —
Vegetable, ship., cs.....lb. .07½- .08
sulphonated 35% (24% fat), dms., c.l..lb. .05 - .05½
l.c.l .....lb. .06 - .06¼
50% (43% fat) dms., c.l..lb. .06½- .07
l.c.l. .....lb. .07½- .08
50% (48% fat), dms., c.l..lb. .07 - .07½
l.c.l. .....lb. .08 - .09
Tamarind, W. I., bbls.....lb. .05½- .06
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk..unit-ton. 3.00 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk, unit-ton. 3.00 & .10
fertilizer grade, 10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 2.75 & .10
high-grade feeding, bulk, Chicago..unit-ton. 3.00 & .10
Import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports ship. unit-ton. 3.25 & .10
Tansy leaves, bls.....lb. .18 - .19
Tapioca, flour, bgs.....lb. .02 - .04
Tar acid oil, 15%, dms., c.l., works..gal. .22 - —
l.c.l., same basis.....gal. .25 - —
25%, dms., c.l., works....gal. .25½- —
l.c.l., same basis.....gal. .28½- —
Pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd., ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - 33½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms. .....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms. .....lb. .09½- —
Tetralin, dms. .....lb. .12 - —
Thallium sulphate, 90% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns. .....lb. 2.10 - 2.40
Sodiosalicylate, cns. .....lb. 1.75 - 1.85
5-lb. bots. .....lb. 2.01 - —
Thiocarbanilide, dms. .....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .14 - .15
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.35 - 3.40
Tin crystals, bbls., kgs.....lb. .34½- .35
Metal, Straits.....lb. .4340- —
Oxide, bbls.....lb. .48 - .50
Tetrachloride, anhyd., bbls...lb. .22¼- —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld..lb. .15 - —
Pac. cst., f.o.b. terminals, lb. .15 - —
l.c.l., 5 tons, E., dlvd....lb. .15¼- —
Pac. cst., ex whse....lb. .15¼- —
1,000-9,999 lbs., E. dlvd..lb. .15½- —
Pac. cst., ex whse....lb. .15½- —
50-999 lbs., E. dlvd.....lb. .15¾- —
Pac. cst., ex whse....lb. .15¾- —
under 50 lbs., E. dlvd..lb. .18 - —
Pac. cst., ex whse....lb. .18 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .15¼- —
l.c.l., 5 tons, E. dlvd.....lb. .15½- —
1,000-9,999 lbs., E. dlvd..lb. .15¾- —
50-999 lbs., E. dlvd.. b. .16 - —
phthalate-treated, bgs., c.l., (20 tons), E. frt. alld..lb. .23 - —
Pac. cst., f.o.b. terminal..lb. .23 - —
l.c.l., 5 tons, E. dlvd...lb. .23¼- —
Pac. cst., ex whse..lb. .23¼- —
1,000-9,999 lbs., E. dlvd.lb. .23½- —
Pac. cst., ex whse....lb. .23½- —
50-999 lbs., E. dlvd.....lb. .23¾- —
Pac. cst., ex whse..lb. .23¾- —
under 50 lbs.....lb. .26 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .23¼- —
l.c.l., 5 tons, E. dlvd...lb. .23½- —
1,000-9,999 lbs., E. dlvd.lb. .23¾- —
50-999 lbs., E. dlvd.....lb. .24 - —
pigment, barium, calcium, or magnesium base, c.l., E. frt. alld.....lb. .05¾- —
Pac. cst., f.o.b. terminal, lb. .05¾- —
l.c.l., dlvd.....lb. .05¾- —
Pac. cst., ex whse..lb. .05¾- —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., c.l., E., frt. alld...lb. .05¾- —
l.c.l., E., dlvd.....lb. .06¼- —
Tolidin base, distilled, kgs....lb. .86 - —
Tolu, balsam, cns.....lb. .44 - .45
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .28½- —
tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls.....lb. .26 - .27
root, bls. .....lb. .30 - .31
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .50 - —
Tributylamines, dms., l.c.l., works lb. .70 - —
Trichloroethylene, dms., c.l., works, frt. alld, Zone A..lb. .09 - —
l.c.l., dms.....lb. .095 - —
Zone B, c.l.....lb. .105 - —
l.c.l., dms.....lb. .110 - —
Zone C, dms., l.c.l.....lb. .105 - —
Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.
Tricresyl phosphate, CP, cns., dlvd..lb. .42 - .53
dms., c.l., dlvd.....lb. .36 - —
500 lbs., dlvd.....lb. .39 - —
tech., 1, dms., c.l.....lb. .24½- —
500 lbs, dms.....lb. .25 - —
less than 500 lbs., dms.lb. .28 - .39
2, dms., c.l.....lb. .23½- —
500 lbs., dms.....lb. .24 - —
less than 500 lbs.....lb. .27 - .38
Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton. 26.00 - —
double-grd., bgs., c.l., works. ton. 16.00 - —
once-grd., bgs., c.l., works..ton. 14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., wks..lb. 2.80 - 3.10
Oxide, CP, kgs.....lb. 2.90 - 3.00
tech., kgs. .....lb. 2.10 - 2.20
Turmeric root, Alleppey, bgs..lb. .05¾- .05½
Madras, bgs.....lb. .06¼ Nom.
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .28¼- —
l.c.l., 10, ex dock.....gal. .30¼- —
5, ex dock.....gal. .32¼- —
steam-dist., dms., c.l., dlvd.gal. .27 - —
l.c.l., dlvd.....gal. .30 - —
tanks, dlvd.....gal. .22 - —

U

Unicorn root, false (see Helonias root). True (see Aletris root).
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton. 95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton. 95.00 - —
f.o.b. N. Y.....ton. 101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt. ton. 95.00 - —
smaller lots, f.o.b. N. Y. from whse. 101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH₃ unit. 1.00 - —
Uva ursi leaves, bls.....lb. .09 - .09¼

V

Valerian root, bls.....lb. .09 - .09¼
Valonia, beards, bgs., shipt..ton. 45.00 - —
Cups, bgs., shipt.....ton. 32.00 -34.00
extract, powdered, 63%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 3.90 - 4.50
Mexican, tins.....lb. 4.25 - 4.75
cut, tins .....lb. 3.65 - 4.00
South American, tins.....lb. 3.65 - 3.85
Vanillin, ex eugenol, 25-lb. tins, lb. 2.25 - —
5-lb. tins.....lb. 2.35 - —
Vanillin, ex guaiacol, 10c. per lb. less
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .23
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .45 - .47
Tree bark, bls.....lb. .22 - .23
Wattle bark, bgs., shipt.....ton. 39.75 -41.75
Extract, bbls. .....lb. .04½- —
Wax, bayberry, import, bgs...lb. .16½- .17
Bees, white, bleach, slabs, cs., 500 lbs. .37 - .39
yellow, crude, Africa, bgs., lots of 10..lb. .22 - .22½
1 bg. .....lb. .24½- .25½
Brazil, Chile, bgs., 5-10 tons, lb. .23 - .23½
1 ton .....lb. .23½- .24
500 lbs. .....lb. .24 - .24½
100 lbs. .....lb. .24½- .25
refd., slabs, cs., lbs.....lb. .33 - .33½
Candelilla, bgs., 1 ton.....lb. .14½- .15
jobbing lots .....lb. .15 - .15½
Carnauba, No. 2, chalky, bgs., 1 ton..lb. .33½- .34½
5 bgs.....lb. .34 - .35
1 bg.....lb. .34½- .35½
N. C. 2, bgs.....lb. .37 - .37½
N. C. 3, bgs., 1 ton.....lb. .33½- .34½
5 bgs.....lb. .34 - .35
1 bg.....lb. .34½- .35½
refined, bgs.....lb. .38 - .38½
yellow, No. 1, bgs., 1 ton..lb. .41 - .41½
5 bgs.....lb. .41½- .42
1 bg.....lb. .42 - .42½
No. 2, bgs.....lb. .40 - .41
Ceresin, dom., 138°140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots .....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots .....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots .....lb. .11¾- —
Japan, cs.....lb. .09¼- .09½
Montan, bgs., c.l.....lb. .11 - —
5 tons .....lb. .11¼- .11⅜
less than 1 ton.....lb. .11⅜- .13
Ozokerite, hard green, congeal, p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .85 Nom.
74°-76° C., bgs.....lb. .88 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .85 - .86
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs. .....lb. .24 - .26

Soda Glycero.—Wax

White Lead—Zinc Oxide

White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06¼
White precipitate, powd., 5-lb. bots..lb. 1.59 - —
dms., 50 lbs., or more...lb. 1.46 - —
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., blp., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
glider's bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
Whiting, limestone, air floated, 90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs, (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs., (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06 - .07
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .08 - .09
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton.22.00 - —
80 mesh, bgs., ex dock....ton.24.50 - —
100 mesh, bgs., ex dock...ton.27.50 - —
120 mesh, bgs., ex dock...ton.30.00 - —
Wormseed, American, bgs.....lb. .10 - .11
Levant, bgs.....lb. 3.70 - 3.75
Wormwood, bls.....lb. .08 - .09

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
nitration, dms., wks.....gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
5°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .32 - —
10°, dms., works.....lb. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 1.50 - 2.50
lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis, lb. .50 - —
kgs., ton lots, same basis, lb .50 - —
smaller lots, same basis, lb. .55 - —
sulphide, orange, bbls., works, lb. 1.50 - —
Yellow, chrome, CP, bbls., dlvd. N. of Tenn. and N.C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....lb. .14½- —
open order .....lb. .15½- —

Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Dutch pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01½- —
H, bbls., works.....lb. .01⅝- —
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import..lb. .02475- —
New York (f.o.b.)..lb. .02½- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle ..lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575- —
New York .....lb. .02½- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle....lb. .03⅛- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans..lb. .02725- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03⅝- —
Minneapolis .....lb. .03⅛- —
New York .....lb. .02¾- —
Pittsburgh .....lb. .03⅛- —
Portland, Seattle....lb. .03⅝- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y., from dock, lb. .02⅝- —
from whse. .....lb. .02⅞- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y. lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works..lb. .06½- —
l.c.l., works .....lb. .06⅝- —
Persian orange (see O).
Zinc, bbls., same basis chrome CP. contracts..lb. .18 - —
open order .....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .10
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08½- .10
Yohimbine hydrochloride, vis..oz. 2.50 - 2.55

Z

Zinc acetate, tech., bbls., dlvd., lb. .21 - —
USP., bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenate, bgs., cs., c.l., dealers, E. of Rockies..lb. .12½- —
c.l., bgs., cs.....lb. .13 - —
Arsenite, bgs., cs., c.l., dealers, E. of Rockies..lb. .12½- —
W. of Rockies, bgs....lb. .12½- —
l.c.l., bgs., cs.....lb. .13 - —
W. of Rockies, bgs....lb. .12⅝- —

Zinc arsenate and arsenite price are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.

Carbonate, tech., bbls.....lb. .14 - .16
USP, precip., powd., bbls..lb. .31 - —
dms. .....lb. .36 - —
kgs. .....lb. .33 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works, 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
USP, 200-lb. dms.....lb. .25 - —
25 lb. jars.....lb. .31 - —
solut., dms., wks.....lb. .04¼- —
tanks .....lb. .0226- —
Cyanide, kgs., works.....lb. .33 - —
Dust, bbls., c. l., dlvd.....lb. .06¾- —
l.c.l., bbls., dlvd.....lb. .07¼- —
Fluoride, bbls.....lb. .20 - .25
Iodide, N.F., bots.....lb. 4.35 - —
jars .....lb. 4.20 - —
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, coml., lead-free, bgs., c.l., dlvd..lb. .06¼- .07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07⅝
ex whse., Pac. cst., lb. .06½- .07⅝
bbls., c.l., dlvd...lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst..lb. .06¾- .08
leaded, 5%, bgs., c.l., dlvd..lb. .06⅛- —
l.c.l., dlvd., except ex whse.,Pac. cst.lb. .06⅜- —
bbls., c.l., dlvd....lb. .06⅜- —
l.c.l., dlvd., except Pac. cst..lb. .06⅝- —
ex whse., Pac. cst.lb. .06⅝- —
35%, bgs., c.l., dlvd.lb. .0590- —
l.c.l., dlvd., except Pac. cst..lb. .0615- —
ex whse., Pac. cst. lb. .0615 - —
bbls., c.l., dlvd....lb. .0615- —
l.c.l., dlvd., except Pac. cst..lb. .0640- —
ex whse., Pac. cst. lb. .0640- —
50%, bgs., c.l., dlvd. lb. .0592- —
l.c.l., dlvd., except Pac. cst..lb. .0617- —
ex whse., Pac. cst.lb. .0617- —
bbls., c.l., dlvd.....lb. .0617- —
l.c.l., dlvd., except Pac. cst..lb. .0642- —
ex whse., Pac. cst.lb. .0642- —

Have you tested the new

New Jersey zinc

ZINC SULFIDE

CRYPTONE ZS-30

It's better in COLOR • BRIGHTNESS
TINTING STRENGTH •
HIDING POWER • DARK
VEHICLE COLOR•VALUE

THE NEW JERSEY ZINC COMPANY
160 Front Street New York, N. Y.

Please send a —lb. sample of your new ZINC SULFIDE, Cryptone ZS-30 to:

Name.....

Address.....

Zinc, oxide., dom., French process, com'l lead-free, bgs., c.l., dlvd..lb.	.06¼-	.07⅛
l.c.l., dlvd., except Pac. cst..lb.	.06½-	.07⅝
ex whse., Pac. cst.lb.	.06½-	.07⅝
bbls., c.l., dlvd.....lb.	.06½-	.07⅝
l.c.l., dlvd., except Pac. cst..lb.	.06⅝-	.08
ex whse., Pac. cst.lb.	.06⅝-	.08
green seal, bgs., c.l., dlvd., lb.	.08	- —
l.c.l., dlvd., except Pac. cst..lb.	.08¼-	—
ex whse., Pac. cst..lb.	.08¼-	—
bbls., c.l., dlvd.....ib.	.08¼-	—
l.c.l., dlvd., except Pac. cst..lb.	.08¼-	—
ex whse., Pac. cst..lb.	.08¼-	—
red seal, bbls., c.l., dlvd...lb.	.07¾-	—
l.c.l., dlvd., except Pac. cst..lb.	.07¾-	—
ex whse., Pac. cst..lb.	.07¾-	—
bbls., c.l., dlvd.....lb.	.07¾-	—
l.c.l., dlvd., except Pac. cst..lb.	.08	- —
ex whse., Pac. cst..lb.	.08	- —
white seal, bgs., c.l., dlvd., lb.	.08¼-	—
l.c.l., dlvd., except Pac. cst..lb.	.08¾-	—
ex whse., Pac. cst..lb.	.08¾-	—
bbls., c.l.....lb	.08¾-	—
l.c.l., dlvd., except Pac. cst..lb.	.09	- —
ex whse., Pac. cst..lb.	.09	- —
import, gold seal, cks., x whse..lb.	.13	- .14
green seal, bbls., ex whse., lb.	.10	- —
white seal, cks., ex whse., lb.	.11	- .13½
USP, bbls., c.l.....lb.	.09½-	—
Palmitate, bbls.....lb.	.23	- .26
Resinate, fused, pale, bbls...lb.	.10	- —
precip., dms., dlvd.....lb.	.15	- —
Stearate, tech., precip., bbls., ctns., c.l..lb.	.20	- —
l.c.l., 1 ton.....lb.	.21	- —
1,000-2,000 lbs.....lb.	.22	- —
less than 1,000 lbs..lb.	.23	- —
U.S.P., bbls.....lb.	.21	- .25
Sulphate, cryst., bgs., c.l.100 lbs.	2.75	- —
l.c.l. .....100 lbs.	2.50	- —
bbls., c.l. .....100 lbs.	2.90	- —
l.c.l. .....100 lbs.	2.65	- —
flake, bgs., c.l. .....100 lbs.	3.10	- —
l.c.l. .....100 lbs.	3.85	- —
bbls., c.l. .....100 lbs.	3.25	- —
l.c.l. .....100 lbs.	4.00	- —
l.c.l. .....100 lbs.	5.10	- —
bbls., c.l. .....100 lbs.	4.50	- —
l.c.l. .....100 lbs.	5.25	- —
Sulphide, bgs., c.l. (20 tons), dlvd..lb.	.08¾-	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.08¾-	—
bbls., c.l. (20 tons), dlvd..lb.	.08¾-	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.08¾-	—
Sulphocarbolate, NF, bbls...lb.	.24	- .26
Zinc-ammonia chloride, dms., c.l., works..100 lbs.	5.15	- —
l.c.l., works.....100 lbs.	5.50	- —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb.	.05	- —
l.c.l., dlvd., except Pac. cst..lb.	.05½-	—
ex whse., Pac. cst..lb.	.05½-	—
powd., bgs., c.l. .....100 lbs.	4.35	- —
Zirconium nitrate, kgs., work.lb.	3.00	- 4.00
Oxide, crude, 73-75%, grd., bbls., works..ton.	75.00	-100.00
kgs., small lots, works...lb.	.04¼-	.04½
white, 98%, rgd., kgs., works, lb.	1.40	- 1.52

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the August 1 issue; the next printing will be in the September 5 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 39.

Treasury Department Desires Consolidation

OPD Washington Bureau
August 4, 1938

Consolidation of all law-enforcement agencies of the Treasury Department is still desired by department officials, and a bill to accomplish this probably will be proposed to Congress at the next session unless Congress enacts general legislation for reorganization of all government departments.

The agencies affected are the Bureau of Narcotics, the Alcohol Tax Unit and the Intelligence Unit of the Bureau of Internal Revenue, the Bureau of Customs, and the Secret Service. A bill to put this consolidation into effect was presented at the last Congress, but was dropped when President Roosevelt proposed general reorganization legislation. Had the latter been enacted, the merger of the Treasury Department bureaus could have been effected by executive order.

Frank Hornkohl, chemist and petroleum and mining engineer, operator of the Hornkohl Laboratory, Bakersfield, Calif., was named recently a member of the national committee of the American Institute of Mining and Metallurgy, to standardize methods of analyzing oil cores in the nation's oil fields.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Canadian Invoices:—A general ruling by the Canadian Commissioners of Customs requires that exporters of "made to order" goods show on invoices the date of contract of sale to purchaser in Canada and fair market value in the country of export on that date; the date of the most recent sales of similar goods, for consumption in the country of export, available delivery or shipped at or about the time shipment goes forward to Canada ,and the fair market value of those similar goods and date of shipment.

Coaltar Oils:—Exports of coaltar oils of the benzol series from Czechoslovakia have been made subject to permit requirements.

Cocoa Butter:—France has increased the import on cocoa butter and substitutes to 345 francs per 100 kilos.

Derris:—The Netherland Indian government has recently prohibited the exportation of all materials for the propagation of derris.

Dietetic Products:—Medicinal and dietetic products are required to be registered in Argentina only as medicinal products, but are not required to be specially registered with the Department of Hygiene, as medicinal and dietetic products for infants.

Diatomaceous Earth:—Belgium has placed an import duty of 5.75 francs per 100 kilos on infusorial earth mixed with asbestos filament.

Gasoline: — Import duties of 50.00 francs per 100 liters of liquid has been established on gasoline by French Guiana.

Kapok Seeds:—The exportation from French Indochina of kapok seeds in quantities of 20 metric tons or more may be authorized by the governor general.

Mineral Oils:—The Czechoslovak lump-sum turnover tax on mineral oils and on paraffin have been slightly increased.

Nitrates:—Netherland has continued in effect import quota restrictions on calcium, sodium, ammonium potassium and ammonium nitrates until June 30, 1939.

Oilcakes:—An export duty of 10 francs per 100 kilos has been established in France on oilcakes and other cakes and residues, except corn.

Pepper:—France has increased the import rate on pepper to 605 francs per 100 kilos.

Pimento:—France has increased the import duty on pimento to 400 francs per 100 kilos.

Pharmaceuticals:—Venezuela has ordered inspections and analyses of pharmaceutical products authorized and on sale in Venezuela, in order to verify whether they are correct within the regulating prescriptions ordered by articles 49, part 4, and articles 57 of the regulations of the law of exercises of pharmacy.

Proprietary Products:—A Nicaraguan decree establishes the payment of fees for the registration of proprietary products. The fees are to be as follows:—$10 annually on foreign medicines other than opotherapic specialties; $5 annually on foreign opotherapic medicines; twenty cordobas annually on Nicaraguan medicines. Pharmaceutical specialties not classifiable as proprietary medicines shall pay as follows:—$5 annually for foreign specialties; ten cordobas annually for those produced locally.

Pyrethrum: — The Italian import duties on pyrethrum and pyrethrum extracts have been increased, with the new rates as follows:—Pyrethrum, not pulverized, 300 lire per 100 kilos; pulverized, 325 lire per 100 kilos; pyrethrum extracts, 80 lire per kilo. Pyrethrum extracts having a mineral oil base are made subject to the mineral oil sales tax on 90 kilos on each 100 kilos of the product.

Quinine Packing:—Netherland Indies requires that the term "kinine-tabletten" may only be used to designate sugared products which comply with the government requirements, namely, a minimum content of 196 mg. of quinine double sulphate or an equivalent quantity of any other quinine salt. Definite standards for packing and marking of the packing are prescribed.

Sago:—Netherlands has removed sago and tapioca from the list under which a refund of 3.75 florins per kilo on sago and 2.00 florins per kilo on tapioca, was made upon exportation of the products, to compensate for the monoply fees paid on their importation.

Soda Phosphate:—Poland has eliminated the reduced import duties on dibasic soda phosphate.

Soaps:—Belgium has revised the import duty on soaps, as follows:—Resin or yellow, free; soft soaps, 30 francs per 100 kilos; common soaps in blocks, slabs or bars, 55 francs per 100 kilos; soaps in flakes or shavings, 260 francs per 100 kilos; powdered or liquid soap, not otherwise specified, 125 francs per 100 kilos; shaving sticks, 600 francs per 100 kilos; soap creams, 900 francs per 100 kilos; powdered soaps, 500 francs per 100 kilos; liquid soaps, 150 francs per 100 kilos; transparent or glycerin soaps, 225 francs per 100 kilos; medicinal, 600 francs per 100 kilos; unscented soaps, 60 francs per 100 kilos, and other toilet soaps in cakes, etc., wrapped or imported in boxes containing not more than three cakes, 500 francs per 100 kilos; other, 200 francs per 100 kilos.

Soybeans:—Poland has lowered the import duty on soybeans.

Tin Phosphides:—Belgium has increased the import duty on tin phosphides to 100 francs per 100 kilos.

Trade Price Lists:—Remission of duty as advertising matter is authorized in respect of bona fied trade catalogues and price lists not designed to advertise the sale of goods by any person in Canada, when sent in Canada in single copies addressed to merchants therein, and not exceeding one copy to any merchant for his own use, but not for distribution.

Vanilla Extract:—France has increased the import duty on vanilla to 800 francs per 100 kilos and on vanilla extract to 3,200 francs per 100 kilos.

Vegetable Oils.—The Cuban customs tariff item No. 101-C for inedible coconut, red palm or palm nut oils has been modified so as to extend the special duty-rate to importers other than actual soap manufacturers, when they can prove that the oils are for use in the manufacture of soaps.

Mexico Rejects Plan To Arbitrate U.S. Claims

Mexico City, Aug. 3, 1938

The Mexican government has rejected the proposal of the United States to arbitrate the American claims for propriated farm lands. However, the note, which was in reply to a note from Secretary of State Cordell Hull proposing arbitration, declared that if the United States was willing to accept payment on the basis of Mexico's ability to pay and to accept the time limit imposed by domestic laws, the Mexican government was willing to negotiate a settlement. The plan of this settlement would call for one representative of each country to meet for the purpose of fixing the values of the properties and the manner of paying.

The note went on to explain that when Mexico decided to suspend payments on its agrarian debt in 1930 the measure affected equally Mexicans and foreigners. The note further stated that arbitration was unnecessary, and would moreover be unlawful under the terms of the Washington treaty, since procedures of execution for compliance with obligations already recognized by Mexico cannot be the subject of arbitration and must be determined according to her economic condition.

Cellulose Products Co. Plant Wrecked by Three Explosions

Cellulose Products Company, Brooklyn, a subsidiary of the Warner Brothers plant, was damaged August 4 by three explosions. One workman was killed. The building damaged by the explosion was a one-story structure. John F. Condon, superintendent of the plant, said that the damage was considerable, but that he could give no estimate of the loss. The cause of the explosion was not determined.

Oil Supply Embraced By Energy Survey

OPD Washington Bureau
August 6, 1938

At the request of President Roosevelt the National Resources Committee is engaged in a survey of all energy resources of the nation, and the President is expected to send the report to Congress, together with recommendations for legislation, some time next Winter.

Funds for the survey were carried in the recent relief appropriation act, and the work is being conducted under the direction of Prof. Ralph J. Watkins, of the University of Pittsburgh. The report will be a compilation of data already collected by various Federal agencies, and no new field work is contemplated. Cooperating agencies are the Bureau of Mines, the Bituminous Coal Commission, the Federal Power Commission, the Geological Survey, the Petroleum Conservation Division of the Department of the Interior, the United States Tariff Commission, and the Interstate Commerce Commission.

The survey will include an estimate of all present energy resources, the extent to which these are now being used, and the competitive relationship of oil, natural gas, coal and electric power, with particular emphasis on conservation and regulation. There is also a possibility that mention may be made of the use of power alcohol from agricultural products, although officials in charge are reluctant to discuss their activities.

It is understood that the survey had its inception last Spring during the attempt of anthracite coal interests to secure enactment of an excise tax on fuel oil used for heating purposes. One of the arguments used for this proposal was that it would tend to conserve petroleum resources which were alleged to be close to exhaustion. At that time President Roosevelt said that he had asked the Secretary of the Interior, Harold L. Ickes, to look into this allegation, and it is now learned that the President considered sending a special message to Congress on oil conservation but decided instead to ask for a further survey which would include the competitive relationships of all prime power sources.

Secretary Ickes is also chairman of the National Resources Committee.

U.S. to Ask Bids For La. Oil Land Leases

Two applications for private leases of approximately 300 acres of oil land on East Timbalier Island, about 65 miles south of New Orleans, Louisiana, have been rejected by Secretary of the Interior Harold L. Ickes today, with instructions that the land, and the adjoining islands between Grand Pass Timbalier and Raccoon Pass, should immediately be offered for leasing by competitive bidding under seal.

At the same time the secretary overruled protests by the State of Louisiana, the Southern Sulphur Corporation and the Gulf Refining Company that the land involved was State, rather than government property.

Affirming a ruling, July 15, by the General Land Office, Secretary Ickes ordered rejection of the applications of John F. Richardson, of LaFayette, La., and Charles F. Consaul, of Washington, D. C.. on the ground that the land was located within a known geologic structure of a producing oil field which, under the law, must be disposed of by competitive bidding, rather than through private lease.

Secretary Ickes pointed out today that there was no evidence that the lands attempted to be leased were outside a known geologic structure. On the contrary, it was established that the Gulf Refining Company already had developed and produced oil from one well, and is drilling a second well in Timbalier Bay, adjacent to the East Timbalier Island.

W. M. Weis, who for five years has been supervisor of asphalt sales in southern California and Arizona for the Union Oil Company, has been transferred to a new field in the Rocky Mountain area, embracing the States of New Mexico, Arizona, Utah, Colorado, and Idaho. His headquarters remain in the company's main office in Los Angeles.

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison

Published every Monday by Oil, Paint and Drug Publishing Company, Inc., Harry J. Schnell, President and Treasurer; Frank V. Baldwin, Vice-President; Daniel G. Bogert, Secretary. Address 59 John Street, New York, New York. Telephone JOhn 4-2357. Cable Address Reporter New York.

Incorporating the Drug, Paint and Oil Trade, the New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers' Journal, the Oil and Paint Review and International Petroleum Reporter.

Subscription rates including postage in the United States, possessions and territories, one year, $5.00; two years, $8.00; Canada and Newfoundland, one year, $7.00; two years, $12.00; other foreign countries, one year, $10.00; two years, $18.00.

Entered at the Post Office of New York as second class matter January 15, 1884, under the act of March 3, 1879.

Copyright, 1938, by Oil, Paint and Drug Publishing Company, Inc.

Vol. 134 August 8, 1938 Number 6

Chemical Industries Slack During Second Quarter

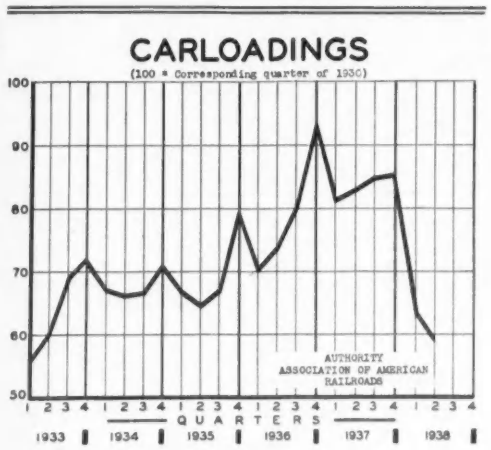
—*Continued from page* 3

there was an improvement in their sentiment with respect to the future. Whereas, at the end of the less discouraging first quarter, the majority felt that the outlook was darker than it had been a year ago—this prescience was fully justified in the second quarter—there months later, there was a slight predominance of optimism. This may have been the result of a belief that things could not get any worse, but in any event, subsequent trends have shown that the brighter expectations were not without reason. Whether the better sentiment engendered greater efforts, or was itself the result of already perceptible improvement, is a question for the major psychologists. The fact is that business has improved since the middle of the year.

There are tangible reasons for this, among them the reducing of prices for important articles of commerce. There have been also less tangible, but no less effective influences, such as the more vigorous indulgence in the occupation of buying and selling securities. In a somewhat double position is the fact that Congress went home and that, before doing this commendable thing, it eased a bit the burdensomeness of certain taxes on business. Little besides hearsay and belief was offered at any time to show that these taxes were more a physical than a psychological deterrent of business activity. But, they were an excuse, if not a reason, and business has done wisely for itself in making a greater effort to get well since the tax scheme was changed.

Some credit for the improvement in business must be given to the further expansion of the program of governmental stimulative spending. In the past, unfortunately, this spending has not been properly recognized. Some have looked upon it as a means of business sustenance. Others have regarded it as worthless, or worse, in every respect. Neither view has been right. Government spending is only a stimulant, or an emergency ration, capable only of carrying business along until it has got its second wind or has worked the cramps out of its propulsory muscles. Its effectiveness presupposes a desire and an intention on the part of business to take care of itself as soon as possible. Those who believe that this possibility must wait upon one, six, or forty other eventualities, simply have no faith in themselves. The newest governmental spending is more appropriately cataloged in business thought. Perhaps this is the result of business having got a more appropriate concept of its own role and responsibility as an economic force.

Statistically, business has had more reason to go forward than to go backward for many months. Psychologically, it has been all at sea. Philosophically, it has been in error. But, it is now in far better shape in all these respects. Business is improving. Business can improve further and steadily —if business will.


CARLOADINGS
(100 = Corresponding quarter of 1930)
100
90
80
70
60
50
AUTHORITY ASSOCIATION OF AMERICAN RAILROADS
1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4
QUARTERS
1933 1934 1935 1936 1937 1938

Car Loadings

	Number of cars— First quarter.	Second quarter.	Third quarter.	Fourth quarter.
1930....	11,269,184	11,931,392	11,953,125	10,561,378
1931....	9,372,110	9,648,375	9,701,222	8,429,542
1932....	7,335,790	6,592,030	6,864,872	7,367,260
1933....	6,249,295	7,095,005	8,270,380	7,605,372
1934....	7,563,168	7,871,455	7,908,468	7,500,869
1935....	7,510,681	7,665,376	7,962,361	8,365,716
1936....	7,907,214	8,683,656	9,587,722	9,884,715
1937....	7,098,639	9,829,467	10,110,739	8,954,083
1938....	7,158,227	7,038,776	.....	.....

Yearly (52 weeks) totals:—

1930	45,717,079
1931	37,151,249
1932	28,179,952
1933	29,220,052
1934	30,845,960
1935	31,504,134
1936	36,063,307
1937	37,992,928

General Statistical Record

Data contributed to the REPORTER'S business survey or collated from a variety of relevant sources present the following picture of elemental factors in the business situation during the second quarter of 1938, or for other periods or specific dates as designated; particulars of the ten divisions of the chemical, oil, and drug industries are given in the respective market commentaries farther below (the figures in the tabulation represent percentage changes from the first quarter of 1937 or from other periods as indicated):—

Production

Industrial production	—34.3
Manufacturing industries	—36.9
Chemicals, oils, drugs	—17.6
(Data for the several groups are given in the respective market comments below)	
Ammonia (NH_3) (coke plant)	—44.0
Benzol (by-product coke plants)	—51.5
Cellulose plastics	—68.3
Corn grind	—20.2
Cottonseed oil, crude	+97.1
Denatured alcohol	— 6.4
Gelatin, edible	+ 0.3
Linseed oil	—62.5
Methanol	—11.1
Petroleum, crude	— 2.0
Gasoline	— 1.9
Motor fuel stocks (June 30)	+ 8.0
Sulphuric acid (fertilizer mfrs.)	—20.8
Superphosphates	—23.0
Automobiles	—62.3
Rubber, crude, consumption	—43.7
Coke	—49.3
Glass, plate and window	—67.0
Leather and products	—21.9
Newsprint	—18.9
Pig iron	—51.5
Iron ore shipments	—70.6
Steel ingots	—62.7
Steel barrels and drums	—25.9
Textiles	—36.2
Cotton consumption	—37.9
Hosiery	—15.3
Pyroxylin-coated fabrics	—34.8
Wool consumption	—43.7
Minerals production	—17.9
Anthracite	—12.6
Bituminous coal	—28.1
Electric energy production	— 9.2

Building Construction

Building permits and construction	—15.8
Portland cement shipments	—15.4
Prepared roofing shipments	+32.9

Employment

Factory employment	—23.8
Capital goods industries	—31.3
Consumer goods industries	—16.1
Chemical, oil, and drug industries	—14.4
Factory payrolls	—33.9
Average weekly earnings	—13.5
Capital goods industries	—43.4
Average weekly earnings	—18.2
Consumer goods industries	—21.2
Average weekly earnings	— 6.1
Chemical, oil, and drug industries	—15.1
Average weekly earnings	— 2.2
Farm employment	+ 0.3
Farm wages	Same
Labor turnover	+ 2.8
Accessions	—21.5
Separations	+29.0

Sales

Manufacturers' sales	—26.9
Commodity, inventories (May 31)	+43.4
Raw materials inventories (May 31)	+65.6
Manufactures inventories (May 31)	+15.9
Chemicals, oils, drugs sales (volume)	—20.8
Chemicals, oils, drugs sales (value)	—22.8
Chemicals, oils, drug inventories (June 30)	+0.29
Chemical and related products inventories (May 31)	+22.9
Chemical, oil, drug corporation earnings	—39.3
Cosmetic sales	— 0.3
Medicinal preparations sales	—11.0
Paint and varnish sales	—18.2
Automobile sales, manufacturers	—62.2
Retail	—45.2
Retail financing	—53.1
Leather and products sales	—24.6
Paper sales	—24.8
Rubber goods sales	—20.4
Tires and tubes shipments	—38.1
Inventories, manufacturers' (June 30)	—30.3
Distributors' (June 30)	— 9.6
Steel barrels and drums shipments	—25.8
Textiles and products sales	—28.4
Wholesale sales	—16.9
Drugs and sundries	— 5.8
Wholesale drug inventories (June 30)	—10.7
Paints	—22.0
Petroleum	— 4.8
Retail sales	—10 9
Chain stores	— 5.8
Drugs	— 7.7
Individual retailers	—16.4
Drugs	— 4.5
Filling stations	— 6.0
Department stores	—10.7
Mail-order (Apr.-May)	—11.4
Rural retail sales	—10.2

Prices

Chemicals, oils, drugs prices (June 30)	— 5.4
General wholesale prices (June 30)	—12.9
Cost of living	— 2.6
Retail cost of food (June 14)	— 7.1
National individual incomes	—10.3
Prices received by farmers	—26.2
Farm income (marketing and bonuses)	—12.0

Transportation

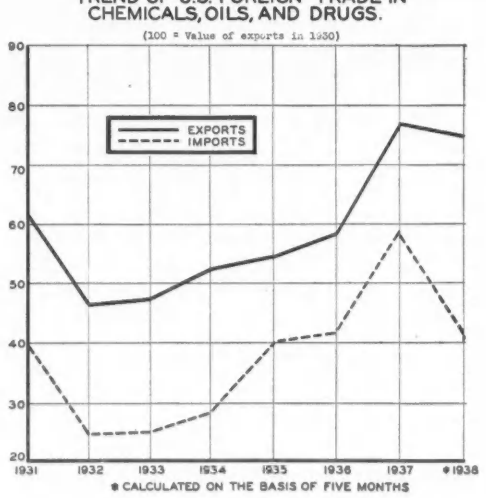
Railroad carloadings	—29.1
Truck freighting	—14.2
Railroad operating income	—59.5

Foreign Trade

Exports of domestic goods (Jan.-June)	+ 4.3
Chemicals, oils, drugs (Jan.-May)	+ 9.6
Imports for consumption	—41.8
Chemicals, oils, drugs (Jan.-May)	—31.1

Records of Chemical Groups

From individual records of second-quarter operations, conditions, and sentiment in the chemical, oil, and drug industries



Exports and Imports of Chemicals, Drugs, Oils

	Exports.	Imports.
1930	$800,631,700	$479,635,000
1931	498,287,300	322,836,100
1932	368,655,200	199,138,300
1933	375,922,500	200,430,200
1934	413,472,400	227,433,600
1935	430,915,400	311,968,300
1936	463,234,000	333,519,400
1937	613,835,600	464,451,500
1938 (five months)	249,832,900	137,304,400

MANUFACTURING CHEMISTS SINCE 1849

PFIZER QUALITY

d-ISO ASCORBIC ACID

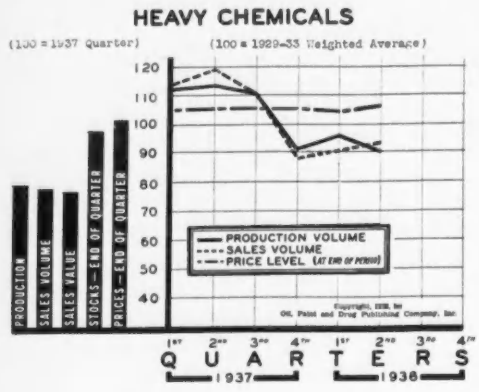
A HEXURONIC ACID OF VERY LOW
VITAMIN POTENCY, BUT WITH
MARKED REDUCING POWER AND
A PLEASANT MILD ACID TASTE

CHAS. PFIZER & CO., INC. 81 MAIDEN LANE, NEW YORK
444 W. GRAND AVE., CHICAGO

submitted for analysis in the REPORTER'S nationwide survey, the following pictures of the several groups have been constructed:—

Heavy Chemicals

Demand for heavy chemicals was kept down during the second quarter by the general, low stage of activity in consuming industries. Producers curtailed their operations and kept their outputs well down to the volume of available outlets. The industry was relieved to an appreciable extent from labor troubles, but a few sporadic disturbances were still to be noted. Demand for agricultural insecticides was not in keeping with the generally re-



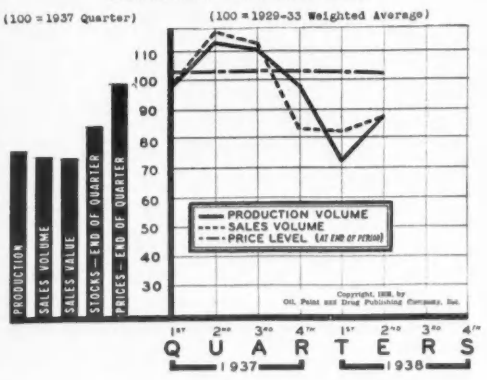
ported larger insect infestations. The necessity brought more activity in these articles in the latter part of the period, but the subsequent rainy spell put crops in certain localities in such poor condition that the expense of saving them from bugs was not worth incurring.

Data contributed to the REPORTER'S survey for the second quarter indicate the following changes from corresponding 1937 periods:—

	(Percent)
Production, second quarter	—20.2
First half	—20.9
Sales volume, second quarter	—21.3
First half	—23.5
Sales value	—22.3
First half	—23.4
Stocks, end of second quarter	— 2.6
Prices, end of second quarter:—	
Changed since June 30, 1937	+ 1.7
Change since January 1, 1938	+ 1.7
Change since March 31, 1938	+ 2.1
Exports (5 mos.)—$25,732,625	—16.7
Imports (5 mos.)—$12,333,504	—22.1
Credit conditions—Unchanged	
Outlook—Slightly duller	

Coaltar Chemicals

Shrinking operations in the iron and steel industry enabled the coaltar chemical industry to reduce its inventories during the second quarter, although demand for its products was much smaller than it had been a year before. With the stimulating effect of reduced prices on the steel industry, a larger supply of coaltar raw material was imminent, but it appeared also that general improvement in consuming industries would take care of this. In-



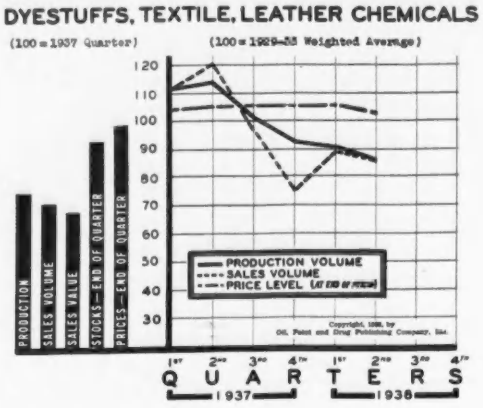
creased specialization in the competition of petroleum distillates resulted in a lowering of prices on coaltar solvents. Developments in the synthetic resin field did not offer unusual encouragement for producers of coaltar chemicals used in making some sorts of these products; the trend was greater in the direction of resins of other than coaltar derivation.

Data contributed to the REPORTER'S survey for the second quarter indicate the following changes from corresponding 1937 periods:—

	(Percent)
Production, second quarter	—23.5
First half	—24.3
Sales volume, second quarter	—25.5
First half	—24.0
Sales value	—26.0
First half	—26.2
Stocks, end of second quarter	—15.0
Prices, end of second quarter:—	
Change since June 30, 1937	— 1.0
Change since January 1, 1938	— 1.1
Change since March 31, 1938	— 1.1
Exports (5 mos.)—$4,158,952	—37.7
Imports (5 mos.)—$6,355,622	—15.1
Credit conditions—Poorer	
Outlook—Brighter	

Dyestuffs, Textile, Leather Chemicals

While there was still something more than a flicker of life in the textile and leather industries during the second quarter, their activities could not be called spectacular, and naturally their consumption of processing materials was not large. These two consuming industries were being warned by their leaders to refrain from indulgence in the ex-



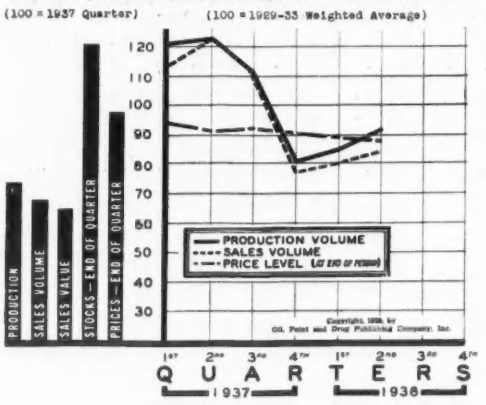
cesses that result from irrational optimism—to watch their own inventories and those of the fabricators and distributors of their products. This advice apparently was widely followed, and although there was some increase of activity, the call for materials was not markedly expanded thereby, the operators doubtless watching their stocks of materials, as well as those of finished products. However, producers and importers of the processing materials were endeavoring, and with some success, to stimulate buying by offering more attractive prices.

Data contributed to the REPORTER'S survey for the second quarter indicate the following changes from corresponding 1937 periods:—

	(Percent)
Production, second quarter	—24.9
First half	—21.6
Sales volume, second quarter	—28.7
First half	—27.3
Sales value	—31.4
First half	—28.7
Stocks, end of second quarter	— 6.5
Prices, end of second quarter:—	
Change since June 30, 1937	— 1.4
Change since January 1, 1938	— 2.1
Change since March 31, 1938	— 1.6
Exports (5 mos.)—$3,114,672	+144.8
Imports (5 mos.)—$4,611,878	—45.3
Credit conditions—Poorer	
Outlook—Duller	

Paint, Varnish, Lacquer Materials

Much time and effort was devoted in some circles of the paint, varnish, and lacquer materials industry during the second quarter to puzzling over



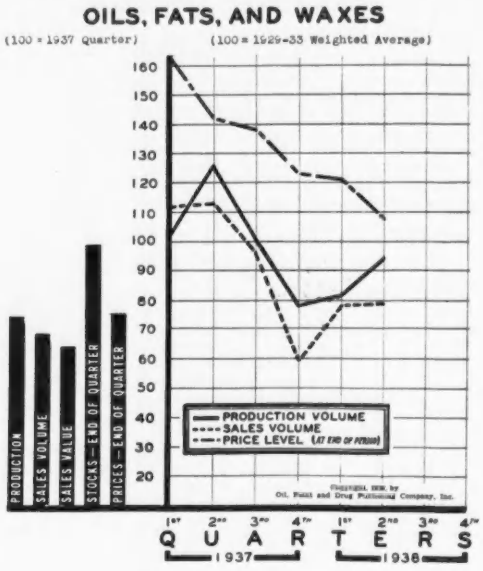
the reasons why business among consumers of these materials had gone bad and not only staid bad but got at least a little worse. There was puzzling also over the failure of the expected demand for paints and the like to develop out of the revived housing program, although manufacturers of coatings were not sleeping on the job of sales promotion. There was a general acceptance of the philosophical concept that somebody on the outside was somehow holding business back. It was evident that the materials group was not in an optimistic mood, but there was encouragement more recently in the plans of the turpentine and rosin division to do some strong promoting. Some found hope in the possibility of the development of a going housing plan by cooperative effort of the building industries. The quarter brought some improvement in demand for industrial coatings.

Data contributed to the REPORTER'S survey for the second quarter indicate the following changes from corresponding 1937 periods:—

	(Percent)
Production, second quarter	—25.6
First half	—25.3
Sales volume, second quarter	—31.7
First half	—31.8
Sales value, second quarter	—34.9
First half	—34.3
Stocks, end of second quarter	+20.6
Prices, end of second quarter:—	
Change since June 30, 1937	— 2.9
Change since January 1, 1938	— 1.8
Change since March 31, 1938	— 0.8
Exports (5 mos.)—$17,058,890	—28.8
Imports (5 mos.)—$9,083,596	—40.6
Credit conditions—Poorer	
Outlook—Slightly brighter	

Oils, Fats, and Waxes

The oils, fats, and waxes industry was on the downward curve of one of its rapidly recurring cycles during the second quarter. It has turned the corner since, because everybody had been trying to get along with as little buying of these materials as could be contrived, and the stored supplies of compounding and processing consumers had got rather low. Small crops of oilseeds have



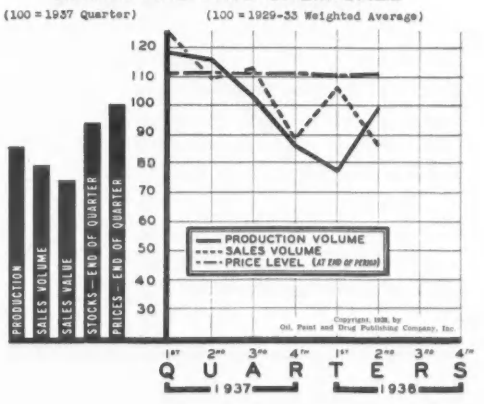
been predicted. Belligerent activities in the Orient actually and threateningly interfere with supplies of heavily consumed materials. Interest in future supplies has become keen. The tax question was settled by Congress for another year at least, and this removed some uncertainty, but processing taxes on domestic materials are not an improbability, hence buyers of oils, fats, and waxes are not certain whether being wary is the appropriate exercising of foresight. The usurpation of world cotton markets by growers in other countries has taken on a new aspect in the possibility that this year's crop in the United States will be so small that even this country will have to buy much cottonseed oil in other lands. The whole industry is still tinged with more or less rational political thinking.

Data contributed to the REPORTER'S survey for the second quarter indicate the following changes from corresponding 1937 periods:—

	(Percent)
Production, second quarter	—25.0
First half	—25.1
Sales volume, second quarter	—31.2
First half	—30.6
Sales value, second quarter	—35.2
First half	—34.6
Stocks, end of second quarter	— 0.7
Prices, end of second quarter:—	
Change since June 30, 1937	—23.8
Change since January 1, 1938	—12.3
Change since March 31, 1938	—10.5
Exports (5 mos.)—$14,651,952	+21.4
Imports (5 mos.)—$46,113,587	—47.8
Credit conditions—Unchanged	
Outlook—Brighter	

Drugs and Fine Chemicals

On the pharmaceutical side, the drugs and fine chemicals industry had little out of the usual before it during the second quarter; the taking of medicines was aptly describable as normal. In its industrial relationships and ramifications, this industry suffered the common lot of the generally cur-



tailed manufacturing activity. It found itself, for example, still with more glycerin than consumers wanted. It got relief in this direction. The solvents division got into rather narrow straits because of lack of demand sufficient to justify break-even

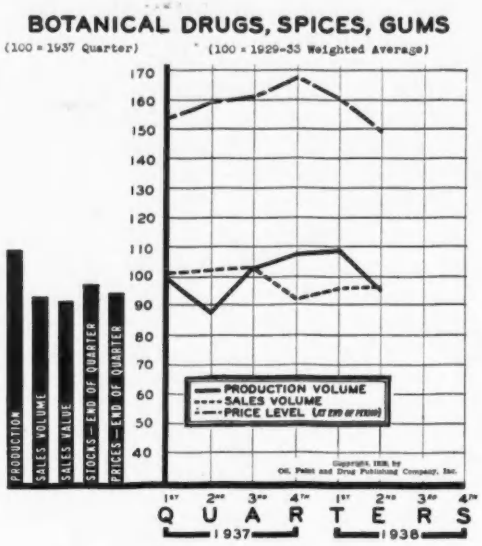
production operations. This division began to look for relief in the direction of reduced prices. In other industrial materials there were expectations that business was bound to get better, to become big, in fact. In certain respects these expectations resulted in new production, and the entrance of still other producers into certain sections of the field is being foretold. Consequently there was a strong tinge of optimism in the sentiment—in spite of a new Federal food and drugs act and the promise of others of narrower scope.

Data contributed to the REPORTER's survey for the second quarter indicate the following changes from corresponding 1937 periods:—

	(Percent)
Production, second quarter	—14.2
First half	—14.9
Sales volume, second quarter	—21.0
First half	—21.3
Sales value, second quarter	—26.0
First half	—26.8
Stocks, end of second quarter	— 5.8
Prices, end of second quarter:—	
Change since June 30, 1937	+ 0.1
Change since January 1, 1938	— 0.3
Change since March 31, 1938	+ 0.8
Exports (5 mos.)—$13,190,368	+33.1
Imports (5 mos.)—$8,987,587	+110.5
Credit conditions—Poorer	
Outlook—Much brighter	

Botanical Drugs, Spices, Gums

Demand for medicinal, comestible, and industrial botanical materials was better than the general business average during the second quarter, although it had thinned out a little from the preceding quarter. Gatherers were less active, however, their compensation having been reduced in some instances, and the attraction of alphabetical governmental "work" or direct relief was still strong. Supplies of these materials were built up more rapidly, but this did not pile stocks higher, because demand kept goods moving. It is reported that supplies of certain domestic drugs are very low, and expectations have it that price trends will turn upward again. There is hopefulness in some breasts that the new statutory restrictions on the introduction of new drugs will bring some new life to old standbys of natural origin. The gums division was not very active during the period, because consumption of sizes was not heavy; edible gums were in fairly good demand.

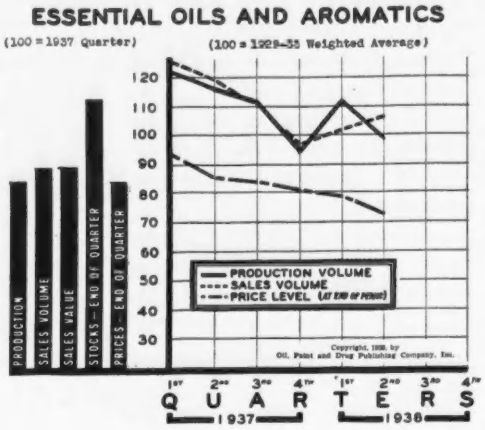


Data contributed to the REPORTER's survey for the second quarter indicate the following changes from corresponding 1937 periods:—

	(Percent)
Production, second quarter	+ 9.4
First half	+ 9.5
Sales volume, second quarter	— 6.9
First half	+ 0.2
Sales value, second quarter	— 8.7
First half	— 3.9
Stocks, end of second quarter	— 2.7
Prices, end of second quarter:—	
Change since June 30, 1937	— 5.7
Change since January 1, 1938	—10.5
Change since March 31, 1938	— 6.8
Exports (5 mos.)—$1,032,194	+32.2
Imports (5 mos.)—$11,673,044	— 7.3
Credit conditions—Unchanged	
Outlook—Slightly brighter.	

Essential Oils, Aromatic Chemicals

Business got better in cosmetics and flavorings during the second quarter—a seasonal trend—but there was no commensurate buying of materials until the latter part of the period, in spite of practically continuous lowering of prices on various articles. Some of this lowering was the result of new competition; most of it was of promotive purpose. The influence in the latter respect was not very potent. Industrial use of odorizers continued to expand, the broadening of the flyspray industry adding to this condition. Production in the synthetic aromatic field also was broadened, and imports were substantially reduced. Saturation points became noticeable in the market for flavorings, predicting later developments that some buyers who had stocked up with these materials had not used a large part of them in their so-called "flavorings" business.

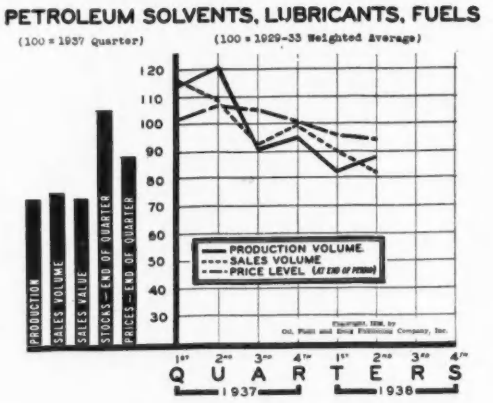


Data contributed to the REPORTER's survey for the second quarter indicate the following changes from corresponding 1937 periods:—

	(Percent)
Production, second quarter	—16.0
First half	—11.5
Sales volume, second quarter	—11.0
First half	— 9.7
Sales value	—10.3
First half	—10.8
Stocks, end of second quarter	+13.3
Prices, end of second quarter:—	
Change since June 30, 1937	—15.2
Change since January 1, 1938	—10.5
Change since March 31, 1938	— 7.5
Exports (5 mos.)—$1,186,127	+ 0.4
Imports (5 mos.)—$2,555,076	—23.2
Credit conditions—Slightly poorer	
Outlook—Slightly brighter	

Petroleum Solvents, Lubricants, Fuels

Production of crude petroleum was tapered off during the second quarter, so that the aggregate for the first half of the year was a little less than that in the corresponding period in 1937. Restrictive methods were applied in certain fields, and extension of this policy has been getting serious attention, particularly as it might be applied, not so much to proration as to the curtailment of new drilling. Production of gasoline was also reduced somewhat, and although retail sales ran below those in 1937, surplus stocks were reduced, but they are still above last year's volume. Production of solvents was substantially curtailed in consequence of lessened demand, but strong promotive campaigns were being inaugurated. Larger production of Pennsylvania crude and the appearance of new producers in the petrolatum and white oil field added excessively to the supply of these products and induced some price-cutting. Residual fuel stocks were heavy, and demand, aside from navy purchases, was far below expectations. Recognition of the need for better marketing was spreading in the industry, but the only development of note was the more recent placing of some branded gasolines on a stipulated price basis. The marketing problem is not peculiar to the petroleum industry, but this industry has its peculiar problem in this connection, even though it has a particularly large export trade.

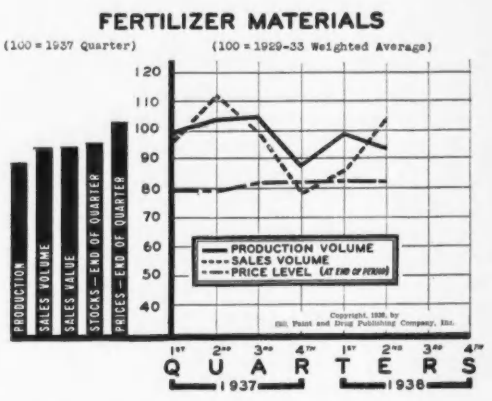


Data on petroleum and its several classes of derivatives contributed to the REPORTER's survey for the second quarter indicate the following changes from corresponding 1937 periods:—

	Percent.
Production, second quarter	—26.7
First half	—21.6
Sales volume, second quarter	—23.9
First half	—18.1
Sales volume	—26.8
First half	—20.5
Stocks, end of second quarter	+ 5.8
Prices end of second quarter—	
Change since June 30, 1937	—11.8
Change since January 1, 1938	— 8.9
Change since March 31, 1938	— 4.7
Exports (5 mos.)—$162,729,403	+19.2
Imports (5 mos.)—$16,677,692	— 0.7
Credit conditions—Slightly poorer.	
Outlook—Duller.	

Fertilizer Materials

Low prices for farm products substantially reduced sales of fertilizers in the second quarter, and lack of improvement in this influence was expected to to be felt well into the Fall. It was the belief, however, that, although bookings were smaller than last year's, they would stand up better; cancellations cut down expectations materially in that season. Estimates of this year's tonnage placed the total about 10 percent below the 1936-37 volume. Political farm control is an unpredictable factor in the fertilizer business; and the difficulty of properly spotting it is increased by TVA fertilizer operations.



Curtailed farming does not, as it should, mean better farming even to the extent of adequate use of soil-conserving crops, to say nothing of wise use of restoratives of fertility. Someday the fertilizer industry may decide to supplement its excellent soil-improvement work with a course in better agricultural marketing. Agriculture stands first among industries in need of improvement in this respect—and the fertilizer industry knows that a better-selling farmer would be a better buyer.

Data contributed to the REPORTER's survey for the second quarter indicate the following changes from corresponding 1937 periods:—

	Percent.
Production, second quarter	—10.3
First half	— 5.9
Sales volume, second quarter	—5.9
First half	— 6.8
Sales value	— 5.5
First half	— 6.7
Stocks, end of second quarter	— 3.2
Prices end of second quarter—	
Change since June 30, 1937	+ 4.2
Change since January 1, 1938	0.0
Change since March 31, 1938	— 0.4
Exports (5 mos.)—$6,977,745	+30.0
Imports (5 mos.)—$18,914,795	—35.3
Credit conditions—Poorer.	
Outlook—Unchanged.	

Price Trends

Average prices at the end of the second quarters of 1938 and 1937, with relation to those at the end of the similar period in 1936, compared as follows:—

(100=Prices at June 30, 1936)

	1937.	1938.
Heavy chemicals	100.5	102.2
Coaltar chemicals	100.6	99.6
Dyestuffs, textile, leather chemicals	101.2	99.8
Paint, Varnish, Lacquer materials	102.4	99.4
Oils, fats, waxes	118.7	90.4
Drugs and fine chemicals	101.4	101.5
Botanical drugs, gums, spices	120.6	113.8
Essential oils, aromatic chemicals	119.4	101.3
Petroleum solvents, lubricants, fuels	113.0	99.7
Fertilizer materials	101.7	106.0
Average of all these markets	108.0	101.4

Turn to page 28 for Price Trend Of Chemicals, Oils, Drugs: 1934-38

Interstate Compact Commission Holds Summer Meeting

The Interstate Compact Commission, a petroleum association composed of representative from Texas, Colorado, Oklahoma, Kansas, New Mexico and Illinois, held a meeting at Colorado Springs, Col., July 28 and 29. The right of the States to control their own production is the basis of the "oil States" compact.

Harold Ickes, Secretary of the Interior, who addressed the meeting, urged Chairman Ernest O. Thompson, of Texas, to request congress to perpetuate the commission next year.

Mr. Ickes said that the interstate compact, designed to conserve oil and gas, and the Connally "hot oil" law, two important elements in the administration of this conservation policy, will terminate next year unless extended.

Mr. Ickes added that if the ground which has so effectively been gained is not to be lost, we soon must be prepared to utilize this experience in making recommendations as to future action which should lead ultimately to the establishment of a permanent oil conservation policy for the United States based on mutual respect for our separate and joint responsibilities and having the primary purpose of assuring an adequate supply of oil at reasonable prices.

Lebland E. Wemple, president of the Illinois Zinc Company, Chicago, moved his office from South Michigan avenue to Forty-seventh street and Sacramento avenue, that city.

Andrew S. Butler, president of the McDougall-Butler Company, Buffalo, who holds the part of Parks Commissioner in the city administration, has outlined an extensive program for beautifying the city's waterfront.

Price Trends of Representative Chemicals, Oils, Drugs: 1934-38

Industrial Chemicals

	1934. H.	1934. L.	1935. H.	1935. L.	1936. H.	1936. L.	1937. H.	1937. L.	*1938. H.	*1938. L.
Acetic acid, 28%	$2.91	$2.40	$2.45	$2.40	$2.45	$2.45	$2.53	$2.23	$2.23	$2.23
Boric, tech., gran	$0.00	$0.00	105.00	$0.00	105.00	105.00	105.00	105.00	105.00	105.00
Chromic	.13¾	.13½	.14¼	.13¾	.14¾	.14¾	.15¼	.14¾	.15⅛	.15¼
Sulphuric, 66 deg	15.50	15.50	15.50	15.50	15.50	15.50	16.50	15.50	16.50	16.50
Alum, ammonia	3.00	2.75	2.75	2.75	2.75	2.75	3.00	2.75	3.15	3.15
Alumina sulphate, com'l	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.15
Ammonia, anhyd	.15½	.15½	.16	.15½	.16	.16	.16	.16	.16	.16
Bleaching powder	1.90	1.90	2.00	1.90	2.00	2.00	2.00	2.00	2.00	2.00
Calcium acetate	3.00	2.00	2.10	2.00	2.10	2.10	2.25	1.65	1.65	1.65
Arsenate	.07	.05	.06	.06	.06½	.06	.06¾	.06½	.06¾	.06¾
Chlorine, liq., tech	2.00	1.85	2.15	2.00	2.15	2.15	2.15	2.15	2.15	2.15
Potash carbonate	.07⅞	.07½	.07⅞	.06⅞	.06⅞	.06½	.06½	.06½	.06½	.06½
Caustic	.07½	.06¾	.06¾	.06¾	.07	.06¾	.07	.06¼	.07	.07
Soda ash, 58% light	1.05	1.05	1.05	1.05	1.05	1.05	1.05	.90	1.10	1.10
Caustic, elect	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.30	2.70	2.70
Phosphate, tri	2.70	2.40	2.40	2.10	2.10	1.75	2.00	1.75	2.00	2.00
Silicofluoride	.05	.04¾	.05	.04¾	.07	.04½	.06½	.05¾	.05⅝	.05¾
Sulphate, anhyd	2.20	2.20	1.15	1.15	1.45	1.15	1.45	1.45	1.45	1.45

Coaltar Chemicals

Anilin oil	$0.15	$0.15	$0.15	$0.15	$0.15	$0.15	$0.15	$0.15	$0.15	$0.15
Betanaphthol	.22	.22	.24	.22	.24	.24	.23	.23	.23	.23
Benzol	.22	.15	.18	.15	.18	.16	.16	.16	.16	.16
Creosote oil, crude	.11	.11	.12	.11½	.13	.12½	.13½	.13	.13½	.13½
Cresylic acid	.54	.46	.51	.42	.73	.51	.89	.72	.89	.73
Naphthalene, crude	2.15	1.75	3.00	1.75	4.00	2.50	3.00	2.00	2.35	2.35
Phenol	.14¼	.14¼	.14¼	.14¼	.14¼	.13¼	.14½	.13¼	.14½	.14½
Phthalic, anhydride	.15½	.15½	.15½	.15½	.15½	.15½	.15½	.14½	.14½	.14½
Solvent naphtha	.26	.26	.30	.26	.30	.30	.30	.30	.30	.26
Toluol	.30	.30	.30	.30	.30	.30	.30	.30	.30	.22
Xylol	.26	.26	.30	.26	.30	.30	.30	.30	.30	.26

Dyestuffs, Textile, Leather Chemicals

Cochineal	$0.36	$0.34	$0.34	$0.32	$0.32	$0.32	$0.35	$0.32	$0.35	$0.35
Cornstarch	3.56	2.81	3.66	3.23	4.19	3.90	4.33	2.63	2.65	2.60
Egg yolk	.46	.42	.56	.46	.54	.49	.68	.52	.63	.62
Fustic, ext., liq	.09½	.08½	.08½	.08½	.08½	.08½	.09½	.08½	.09½	.09½
Logwood, ext., liq	.08½	.08½	.08½	.08½	.08½	.08½	.09½	.08½	.09½	.09½
Myrobalans	29.00	25.00	25.00	23.00	24.50	21.50	31.00	25.50	30.00	27.00
Potash bichromate	.08⅛	.08⅛	.08½	.08⅛	.08⅝	.08⅛	.08⅞	.08⅝	.08⅞	.08⅞
Soda bichromate	.06⅛	.06⅛	.06½	.06¼	.06⅝	.06½	.06⅞	.06⅝	.06⅞	.06⅞
Sumac, grd	70.00	58.00	58.00	50.00	65.00	52.00	65.00	59.00	64.50	63.00
Valonia	48.00	39.00	58.00	41.00	64.50	46.00	49.00	46.00	50.00	47.00

Paint, Varnish and Lacquer Materials

Acetone	$0.11	$0.10	$0.11	$0.11	$0.11	$0.06	$0.06	$0.05	$0.05¾	$0.05¾
Barytes, dom	22.20	22.20	22.85	22.20	22.85	22.85	22.85	22.85	22.85	22.85
Butyl alcohol	.12	.09½	.12	.11	.11	.08½	.09	.09	.09	.09
Carbon black	.0505	.0505	.0505	.0505	.0505	.0505	.0505	.0355	.0380	.0630
Chrome yellow	.15	.15	.15	.11	.13	.11	.15½	.13	.14½	.14½
Copal, Manila, W.S	.09¼	.09¼	.09¾	.08½	.09¾	.08⅛	.08¾	.08⅛	.08¾	.08
Dammar, Batavia	.13¾	.11¾	.13½	.11¾	.14½	.12⅝	.17¼	.14½	.17¼	.13⅝
Ester gum	.07¼	.05¾	.07⅝	.07¼	.10	.07⅜	.11½	.09	.09	.06¾
Film scrap, w.w	.14	.14	.15	.14	.15	.15	.15	.15	.16	.14½
Iron blues	.36½	.35½	.37	.36½	.37	.36	.36	.36	.36	.36
Nitrocellulose a/s	.29	.29	.29	.29	.29	.28	.28	.28	.28	.28
Ocher, Fr., light	.03	.02½	.03	.02½	.03	.02¼	.02⅝	.02¼	.02⅝	.02⅝
Red iron oxide	.09¼	.08¾	.08¾	.08½	.08½	.08½	.08½	.08½	.08½	.08½
Red lead	.07⅜	.06½	.07½	.06½	.09	.07½	.10¾	.07½	.07½	.07
Rosin	6.75	5.00	6.00	5.15	11.05	5.50	11.75	6.05	7.25	5.15
Shellac, bone dry	.35	.26	.31	.19	.23½	.17½	.21	.17	.17	.16½
T. N	.28	.17	.21	.14½	.17	.13½	.14	.12	.12	.11
Titanium white	.06	.06	.06	.06	.06	.05¾	.05⅞	.05¾	.05⅞	.05⅝
Turpentine	.66	.46½	.56½	.48	.50¾	.40¾	.48½	.31½	.36¼	.29
White lead	.06½	.06½	.06½	.06½	.07¼	.06½	.09	.06½	.06½	.05¼
Zinc oxide, l. f	.06½	.05¾	.06½	.05	.05¼	.05	.06¼	.05¼	.06¼	.06¼

Oils, Fats, and Waxes

Beeswax, Afric	$0.21½	$0.20	$0.23½	$0.21	$0.26	$0.23	$0.29½	$0.25	$0.25	$0.22
Candelilla wax	.14	.10½	.16	.10	.16	.15	.15½	.13	.14½	.13½
Carnauba wax, 3, chalky	.21	.16	.39	.21	.36	.33½	.38¾	.33	.33½	.31½
Chinawood oil	.098	.072	.35	.088	.0860	.1260	.2400	.1180	.1550	.0920
Coconut oil	.03¾	.02½	.06⅛	.03½	.09¼	.03⅞	.10⅛	.03⅞	.04¼	.03½
Corn oil, crude	.09½	.03½	.11	.08¾	.10¼	.08	.10¼	.06½	.07¾	.06⅝
Cottonseed oil, crude	.0932	.0337½	.01050	.0800	.1000	.0750	.1050	.0587½	.0712½	.0587½
Japan wax	.06¾	.06	.08¾	.06	.09¾	.08¼	.11	.09½	.10¼	.10
Lard	10.35	4.10	16.90	10.90	13.70	10.25	14.15	8.80	9.65	8.40
Lard oil	13.50	7.50	20.50	13.50	16.25	12.25	16.75	12.75	12.75	12.25
Linseed oil	.0950	.0810	.0960	.0770	.0970	.0880	.1070	.0960	.0970	.0800
Menhaden oil	.25	.15	.35	.25	.36	.28	.45	.34	.40	.27
Neatsfoot oil	16.50	16.50	17.00	16.25	16.75	16.00	18.25	17.00	17.25	16.00
Olive oil	.89	.84	.94	.80	1.60	.70	1.65	1.15	1.15	.88
Perilla oil	.09½	.08¼	.10½	.07¼	.11	.08	.13¼	.10½	.11	.09
Red oil	.06½	.06	.08¾	.06½	.09¾	.07	.10¾	.08¾	.08¾	.07½
Sardine oil	.25	.13	.38	.24½	.46	.28	.54½	.36	.46½	.36
Soybean oil	.0800	.0600	.1000	.0800	.1050	.0700	.1080	.0600	.07	.06
Stearic acid	.10	.09	.11¾	.09½	.11½	.08½	.12½	.11	.11	.11
Tallow	.05½	.02⅞	.07⅜	.05⅝	.08⅜	.04⅛	.10¼	.05⅞	.06⅝	.04½

* January 1 to June 25, 1938.

Drugs and Fine Chemicals

	1934. H.	1934. L.	1935. H.	1935. L.	1936. H.	1936. L.	1937. H.	1937. L.	*1938. H.	*1938. L.
Agar agar, 1	$0.55	$0.52	$0.90	$0.52	$0.90	$0.67	$1.15	$0.72	$1.05	$0.80
Alcohol, S.D. 1	.316	.295	.31	.295	.31	.23	.27	.26	.27	.25
Aloin	1.30	.90	1.60	1.30	1.60	1.50	2.00	1.50	2.40	2.00
Bismuth subcarbonate	1.80	1.65	1.65	1.40	1.40	1.40	1.40	1.23	1.22	1.22
Metal	1.30	1.10	.90	1.00	1.00	1.00	1.00	1.00	1.00	1.05
Cadmium metal	.55	.55	.85	.55	1.05	.85	1.60	1.05	1.60	1.20
Calomel	1.31	1.11	1.11	1.01	1.40	1.01	1.59	1.40	1.50	1.18
Castor oil	.09½	.09½	.19	.09½	.10	.10	.10	.10	.10	.09
Corn syrup, 42°	3.59	3.04	3.63	3.18	4.10	3.05	4.36	3.11	3.11	3.00
Corrosive sublimate, cryst.	.88	.82	.76	.71	1.05	.76	1.30	1.20	1.30	1.05
Cream of tartar	.19¾	.17¾	.17¾	.17¼	.17¼	.15	.19¾	.15	.20¼	.19¾
Epsom salt	2.15	2.15	2.15	1.90	1.90	1.90	2.00	1.90	1.90	1.90
Iodine, resubl	2.40	1.90	1.90	1.65	1.65	1.50	1.50	1.50	1.50	1.50
Iron-ammonia citrate	.57	.52	52	.49	.49	.37	.37	.37	.37	.37
Menthol	3.50	2.45	3.75	2.80	3.75	3.10	3.40	3.10	3.15	2.91
Quicksilver	76.00	67.00	75.00	69.50	94.00	74.00	97.00	81.00	82.00	72.00
Quinine	.51	.51	.51	.51	.53	.51	.53	.53	.54	.53
Santonin	48.00	25.00	70.00	26.00	43.00	30.00	43.00	25.00	25.00	21.00
Silver nitrate	.38¾	.31½	.50	.36⅝	.33¼	.32½	.33⅜	.32¼	.32⅝	.31½
Thymol	1.85	.165	1.85	1.65	1.65	1.55	1.65	1.55	1.65	1.40
Vanillin, ex eugenol	4.50	4.00	4.00	3.00	3.90	3.75	3.65	3.10	3.10	2.35

Botanical Drugs, Spices, and Gums

Aletris root	$0.27	$0.18	$0.30	$0.27	$0.30	$0.20	$0.45	$0.30	$0.45	$0.28
Arnica flowers	.15	.14	.30	.15	.33	.25	.35	.27	.33	.29
Belladonna leaves	.22	.18	.18	.14	.14	.14	.14	.14	.14	.14
Cascara sagrada bark	.10	.08	.11	.08	.12	.11	.14½	.11¾	.11¾	.09½
Dandelion root	.24	.17	.24	.18	.23	.18	.23	.19	.19	.15
Digitalis leaves	.35	.30	.30	.24	.26	.23	.65	.24	.65	.42
Ergot, U.S.P	.46	.35	2.10	.34	2.25	1.35	2.05	1.50	1.50	1.25
Golden seal root	1.05	.85	2.00	1.05	2.85	2.00	3.55	2.85	3.65	3.25
Gum arabic, sorts	.09½	.08	.13	.09½	.10¼	.09	.14½	.09¾	.11⅝	.09¼
Henbane leaves	.23	.17	.28	.19	.22	.20	.21	.19	.19	.15
Lavender flowers, select	.60	.40	1.05	.60	1.05	.63	.60	.50	.50	.46
Lycopodium	.32	.32	.80	.32	1.25	.80	1.40	.95	1.30	1.05
Myrrh	.25	.23	.40	.22	.40	.35	.45	.40	.36	.36
Papain	4.50	2.50	3.25	1.75	1.75	.95	2.75	.95	2.75	1.30
Rhubarb root	.29	.24	.38	.23	.35	.30	.75	.32	.65	.36
Saffron, Spanish	12.75	11.25	12.25	9.50	18.00	11.50	23.00	14.00	27.00	23.00
Senega root	.37	.23	.33	.23	.36	.33	.60	.36	.70	.55
Stramonium leaves	.30	.13	.13	.08	.11	.07	.11	.11	.11	.10
Tonka beans, Angost	4.00	2.50	2.75	1.85	2.50	2.50	2.50	2.50	2.50	2.40
Valerian root	.22	.13	.23	.13½	.13½	.11	.11	.09	.12	.09
Vanilla beans, Bourb	3.00	.85	2.70	2.00	3.75	2.40	4.75	3.25	3.75	3.35
Mexican	3.50	3.00	3.25	3.00	4.00	3.00	4.75	4.00	4.75	4.75

Essential Oils

Anise	$0.45	$0.39	$0.50	$0.40	$0.95	$0.50	$1.35	$0.70	$1.25	$0.68
Bergamot	1.50	1.40	1.80	1.30	2.95	1.60	4.00	2.95	4.00	3.65
Cassia	1.18	1.00	1.52	1.10	1.10	.90	1.25	.90	1.20	.85
Citronella, Ceyl	.38	.24	.28	.22	.29	.18	.42	.32	.42	.33½
Clove	.92	.89	.90	.83	1.05	.88	1.25	1.05	1.07	1.00
Geranium, Alg	6.00	4.75	5.25	4.50	5.25	4.50	4.85	4.00	4.00	3.25
Lavender, 30-32%	3.00	2.25	3.00	2.55	2.75	2.55	2.25	2.25	2.25	2.00
Lemon, Calif	.75	.50	1.70	.60	3.00	1.00	3.50	2.60	2.50	2.50
Italian	1.00	.90	1.85	.95	2.85	1.00	3.75	2.60	4.00	3.20
Lime, dist	5.75	4.65	6.00	4.35	5.75	5.45	6.10	5.40	5.40	4.75
Orange, Calif	2.10	1.10	3.00	2.00	3.25	2.25	3.25	1.75	1.75	.95
Italian	1.60	1.10	2.95	1.50	2.75	1.90	4.00	2.25	2.25	2.25
Peppermint, redist	3.65	2.65	3.20	2.05	2.55	2.10	2.80	1.75	2.35	2.15
Spearmint	1.95	1.05	1.75	1.60	2.00	1.40	1.90	1.65	1.70	1.60
Thyme, red	.58	.50	1.35	.58	.85	.68	.85	.69	.69	.69
white	.80	.65	.80	.65	.80	.80	.85	.78	.78	.78
Wormwood	3.00	2.75	2.75	2.45	3.00	2.25	3.00	2.00	2.65	2.65

Petroleum Solvents, Lubricants, Fuels

Cylinder stock oil, bright, Pa.	$0.32½	$0.19½	$0.23	$0.18½	$0.25	$0.23	$0.29	$0.20	$0.20	$0.16
Gasoline, 65 oct., G.3	.05	.03⅞	.05⅜	.04¼	.05⅝	.04½	.06	.04⅛	.04⅛	.04
Kerosene, 41-43, G.3	.04½	.02⅝	.03¾	.03	.04⅜	.03	.04⅛	.03⅜	.04⅛	.04
Paraffin scale	.01⅛	.03	.03¼	.1090	.0255	.02¼	.0295	.0140	.0285	.0185
Petrolatum, I. w	.06¾	.06⅜	.06	.05¼	.06	.06	.06	.06	.06	.05¼
Petroleum thinner, G.3	.05⅞	.05½	.05⅞	.05⅞	.06⅜	.05⅞	.06⅞	.05⅞	.06⅜	.05⅝
Stoddard solvent, G.3	.06⅜	.05⅝	.06⅜	.06⅜	.06⅞	.06⅜	.07⅜	.06⅜	.06⅞	.05⅞
V.m.p. naphtha, G.3	.06⅞	.06¼	.06⅞	.06⅞	.07⅜	.06⅞	.07⅞	.06⅞	.07⅜	.06⅜

Fertilizer Materials

Ammonia sulphate	$25.00	$22.00	$24.00	$21.50	$26.00	$24.00	$28.00	$26.00	$29.50	$28.50
Phosphate rock, Fla., 68%	3.40	2.85	3.40	1.85	1.85	1.85	1.85	1.85	1.85	1.85
Potash, manure salt	.638	.43	.48	.43	.55	.48	.58½	.55	.58½	.58½
Muriate	.71	.40	.45	.40	.50	.45	.53½	.50	.53½	.53½
Soda nitrate	24.50	23.50	23.50	23.50	25.50	23.50	27.00	25.50	27.00	27.00
Superphosphate	8.00	7.50	8.00	7.75	7.75	7.75	8.50	7.50	8.50	8.50

Corn Products Output Is Reported for 1937

Wages and production in the manufacture of corn syrup, corn sugar, corn oil, and starch increased considerably in 1937 as compared with 1935, although the number of wage earners employed decreased somewhat, according to preliminary figures compiled from returns of the recent biennial census of manufacturers released by the Bureau of the Census.

The number of wage earners in this industry decreased 4.4 percent, from 7,337 for 1935 to 7,011 for 1937, although the wages paid increased 23.4 percent, from $8,435,896 to $10,411,461. The value of products made in this industry in 1937 amounted to $135,819,685, a gain of 31.1 percent over $103,631,751 reported for 1935.

This industry, as classified for census purposes, embraces establishments engaged primarily in the manufacture of corn syrup, corn sugar, corn oil, and related products, such as corn-oil cake and meal; and starch of all kinds.

Summary and detailed statistics for 1937, with comparative figures for earlier years, are given in the following tables. All figures for 1937 are preliminary and subject to revision.

Value of Products

	Value 1937.	Value 1935.
1. Corn syrup, corn sugar, corn oil, and starch industry, all products, total value[1]	$135,819,685	$103,631,751
2. Corn syrup, corn sugar, corn oil, starch and dextrin	112,008,442	89,136,827
3. Other products[2]	23,811,243	14,494,924
4. Corn syrup, corn sugar, etc., made as secondary products in other industries	[3]	896,093
Corn syrup, corn sugar, corn oil, cake and meal, starch, and dextrine, aggregate (2 and 4)	112,008,442	90,032,920

Production

	Pounds 1937.	Pounds 1935.
Corn syrup and mixtures of corn and other syrups[4]—		
Total pounds	1,113,779,947	997,178,489
Corn syrup, unmixed	906,374,175	783,959,169
Mixtures of corn and other syrups	207,405,772	213,219,320
Corn sugar	467,650,734	351,084,860
Corn oil	151,003,642	137,008,916
Crude	38,430,156	55,933,416
Refined	112,573,486	81,075,500
Starch[5], total	1,004,946,610	833,487,590
Corn	935,116,216	756,281,202
Potato	9,380,472	33,778,000
Other[6]	60,449,922	43,428,388
Corn-oil cake and meal	30,704	19,325
Dextrine[7]	89,832,999	75,239,861

[1] The figures for this item include an indeterminate amount of duplication due to the fact that starch is made by certain establishments and sold to other establishments in the industry, which use it as a material in further manufacture.

[2] Stock feed, soy-bean oil, meal and paste, gluten flour and paste, and soap stock.

[3] Not yet available; will be given in final report.

[4] This item covers production for sale by manufacturers of corn syrup. No data are included for corn syrup made and consumed in the same plants, nor for mixtures of corn and other syrups made from purchased materials by plants classified in certain other industries, particularly "Food Preparations Not Elsewhere Classified."

[5] Part of this starch was sold to establishments within the industry for use as a material in the manufacture of other products.

[6] Wheat starch, rice starch, and starches processed or packed from purchased stock.

[7] Not including dextrine made as a secondary product in other industries.

Continental Can Co. Reports Fiscal Year Earnings

The Continental Can Company net income for the twelve months ended June 30, 1938, based partly on estimates and subject to current year-end adjustments, was $7,049,860, after providing $4,403,447 for depreciation and Federal income and undistributed profit taxes, and $642,500 to cover dividends on 200,000 shares of cumulative preferred stock issued in October, 1937, equivalent to $2.47 a share on 2,853,971 shares on common stock outstanding.

This compares with similar net income for the twelve months ended March 31, 1938, of $7,944,542 after preferred dividends, or $2.78 a share on the same number of outstanding common shares. In the twelve months' period ended June 30, 1937, net income amounted to $9,274,932, after deducting $4,486,847 for depreciation and Federal income and undistributed profit taxes, and was equivalent to $3.25 a share on the same number of outstanding common shares.

Phosphate Rock Shipments Off 4% in Half Year

Mid-year reports show a drop of only 4 percent in the production and shipment of phosphate rock by American miners. A decline of almost 16 percent in apparent consumption in the United States was offset by a substantial recovery in the tonnage exported and, due in part to the fact that the prices on export business are much higher than those on domestic sales, the value of total shipments during the first six months of the current year was a great deal higher than it was during the corresponding period of 1937, according to the U. S. Bureau of Mines.

Phosphate Rock in U. S.

	Long tons 1938.	Long tons 1937.
Production (mined)	1,897,986	1,977,322
Sold or used by producers—		
Florida—		
Land pebble	*1,289,996	1,351,489
Soft rock	34,115	18,499
Hard rock	42,050	66,081
Totals, Florida	1,366,161	1,436,069
Tennessee†‡	426,902	443,541
Idaho	42,614	42,315
Montana	25,110	3,657
Virginia‡	.....	.....
Totals	1,860,787	1,930,582
Imports	6	6,300
Exports	607,742	452,977
Apparent consumption¶	1,253,051	1,483,905
Stocks in producers' hands, June 30—		
Florida	1,335,000	1,263,000
Tennessee‡	226,000	175,000
Other	3,000	2,000
Total stocks	1,564,000	1,440,000

* Includes sintered matrix.
† Includes sintered matrix. Blue rock included in the first six months of 1937 but none produced in 1938.
‡ Apatite from Virginia included with Tennessee.
¶ Quantity sold or used by producers plus imports minus exports.

World Statistics

	Metric tons Production. 1937-37 average.	Metric tons Consumption. 1935-37 average.
North America*	3,506,000	2,400,000
Europe	2,400,000	6,500,000
Africa	4,051,000	250,000
Asia	133,000	1,100,000
Islands†	1,510,000	850,000
Totals	11,600,000	11,100,000

* Curacao included with "Islands."
† Production mainly in Oceania but consumption chiefly in Australia and New Zealand.

Heavy Chemicals

Outlook for Heavy Chemicals Cheerful—Chlorine Active—Copper Nitrate Advanced—Alums in Steady Demand—Alkalies Moving in Fair Volume—Tin Salts Lower

Business in the market for heavy chemicals was at seasonally quiet levels last week. The outlook continued cheerful, however. Trade indexes continued to display contraseasonal advances from the low points. Operations in steel, lumber, textile, leather, glass and paper showed slight advances. The revival in business activity this Autumn should be further stimulated by government spending and large crops. Changes in the market included higher quotations for nitrate of copper and slightly lower prices for tin salts.

Steel operations last week scored another moderate advance to the highest level in eight months. Lumber output was the highest in fifteen months. Glass production recovered from abnormally low levels, and the outlook was reported as considerably improved. A distinct improvement in rayon activity was reflected in mill reopenings.

Alums continued to enjoy a steady demand from principal consuming industries. Barium salts were spotty. Arsenic was quiet. Blue vitriol and chlorine continued active. Unseasonably wet weather was still proving detrimental to the movement of calcium chloride. Copper salts were firm, with copper nitrate fractionally higher. Anhydrous tetrachloride of tin, tin crystals and soda stannate were lower, reflecting a decline in the basic metal. Nickel salts and the various cyanides were dull. Alkalies were moving at a fair pace for this time of the year. Soda hypophosphite was in good demand. Soda phosphate demand continued well diversified. Acetic acid noted a better inquiry from the rayon industry. Large consumers of sulphuric acid were making cautious purchases. Calcium arsenate occupied the chief interest in the market for agricultural insecticides and fungicides.

Alums.—Business in the market for the various alums was maintained at fair levels last week. Ammonia and potash alums were well taken by the tanning, textile and paper and for water treating purposes. Alumina sulphate commercial and iron-free continued to display a steady interest from the paper trade and other large consuming channels. Other alums, such as alumina acetate, soda, and hydrate were moderately active, with the dyestuff manufactures and textile trade exerting some interest. Prices were well maintained in all instances. June exports of alumina sulphate totaled 3,564,160 pounds, valued at $36,643, of which 3,079,335 pounds went to Canada; other alum compounds amounted to 93,924 pounds, valued at $5,448, Canada taking 50,672 pounds.

Ammonia, Anhydrous.—Reports of abnormally warm weather provided an active interest in this direction in many sections of the country. Quotations were well sustained. June exports aggregated 304,517 pounds, valued at $25,934, of which 76,066 pounds went to Canada; 25,641 pounds to Mexico; 17,000 pounds to Siam and 11,259 pounds to Liberia.

Ammonia, Aqua.—Sellers could point to a fairly diversified demand from consuming channels last week. The call came for refrigerating, chemical processing, textile and tanning interests for fair sized quantities. Quotations ruled unchanged.

Ammonia Carbonate.—A steady to firm tone prevailed in the market throughout the week. Business was maintained at a moderate level, with usual consumers ordering for nearby requirements only.

Antimony.—Another slow week was the rule in the market for domestic antimony. Seasonally low automotive activity was still a factor in the market. Prices were held at the 10¾c. per pound level.

Arsenic.—The call for red and white arsenic was reported as quiet last week. The glass and ceramic industry was not coming in the market for large size quantities. Dyestuff manufactures were displaying some interest for the red material to meet nearby needs. Quotations were without change.

Barium Salts.—The market for various barium derivatives continued spotty. Dullness continues in some major consuming channels, and was limiting substantial withdrawals. No change was reported in prices from those prevailing previously.

Bleaching Powder.—Usual consumers continue to display a fair interest in the market. The call was chiefly for disinfectant purposes. Prices were without alteration.

Blue Vitriol.—A steady interest continued to prevail in the market throughout the past week. Movement of material for horticultural and water purification purposes continue to make up the bulk of the business. A firm price tone was in evidence. June exports aggregated 2,639,272 pounds, valued at $102,719, of which 1,775,150 pounds went to Honduras; 420,292 pounds to Mexico; 45,000 pounds to the Philippine Islands; 70,025 pounds to Canada; 240,000 pounds to Jamaica, and 67,100 pounds to Argentina.

Calcium Carbide.—Business in the market continued along moderate lines for the most part. There was nothing new to report in the price situation, and a steady to firm tone prevailed. June exports were 149,574 pounds, valued at $5,036, of which 33,388 pounds went to Nicaragua; 19,962 pounds to Columbia; 10,000 pounds to Peru, and 60,000 pounds to the Netherland East Indies.

Calcium Chloride.—Unseasonably wet weather during most of the heavy consumption period has been detrimental to the movement of this material for dust control activities in most sections of the country. Sellers were hopeful that better weather conditions during the present month would help stimulate highway work. Pricewise the market remained steady to firm. June exports totaled 5,378,420 pounds, valued at $52,668, of which, 5,169,533 pounds went to Canada, and 104,000 pounds to Panama.

Carbon Dioxide.—Hot weather in practically all sections of the country favored better shipments of this material into consuming channels for refrigerating purposes. Price tone remained steady to firm.

Chlorine.—Volume of business was well maintained throughout the past week. Seasonal conditions were instrumental in providing a broader interest in the market for water purification and sanitation purposes, while the paper industry continued to display a steady demand. Prices ruled firm. June exports amounted to 591,180 pounds, valued at $16,813, of which 466,030 pounds went to Canada; 43,150 pounds to Mexico; 22,500 pounds to Colombia, and 30,000 pounds to China.

Copper.—Business in the market for domestic copper was highly irregular last week. Some directions report fairly good consumer demand, while others said it was rather quiet. Price was steady at the recently established level of 10⅛c. per pound, delivered Connecticut Valley base. Business in the foreign market was fairly well

Price Changes

Prices were changed during the past week as follows:—

Advanced

Copper nitrate, ¾c. per lb.

Reduced

Soda stannate, ½c. per lb.
Tin Straits, ¾c. per lb.
tetrachloride, anhy., ½c. per lb.
crystals, ½c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
149.2	149.2	149.1	154.4

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.6	99.8

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7.

TURNER
PHOSPHORIC ACID
(BY-PRODUCT MATERIAL)
Available in Tank Cars and Drums
JOSEPH TURNER & COMPANY
83 EXCHANGE PL. PROVIDENCE
RIDGEFIELD, N. J. 630 FIFTH AVE., NEW YORK
40TH ST. & CALUMET CHICAGO

Exclusive Distributors for DUVAL TEXAS SULPHUR COMPANY
ASHCRAFT-WILKINSON CO.
ATLANTA, GEORGIA
Charleston, S. C. Jacksonville, Fla. Wilmington, N. C. Norfolk, Va. Jackson, Miss.
SULPHUR
99½% Pure
Shipments from Boling Dome and
A new production from ORCHARD DOME
Heavy Chemicals and Fertilizer Materials

SULPHURIC ACID
DRUMS CARBOYS TANK WAGONS
LIQUID CAUSTIC SODA
DRUMS TANK WAGONS
A. H. MATHIEU & COMPANY
7-11 Getty Avenue - - Paterson, N. J.
Telephone SHerwood 2-3080-1-2
140 Tremont Street - - Everett, Mass.
Telephone EVerett 2731

LIQUID CHLORINE
CHLOROFORM—Technical
CAUSTIC SODA
Solid Flake Liquid Ground
BELLE ALKALI CO. - Belle, W. Va.

BLUE VITRIOL
IRVINGTON SMELTING & REFINING WORKS
IRVINGTON NEW JERSEY
NEW YORK OFFICE 30 CHURCH ST.

SOLVAY

TRADE MARK REG. U. S. PAT. OFF.

PRODUCTS

Solvay's consistent leadership is based on its excellent service to *all* its customers. The fact that Solvay is the largest American producer of alkalies is an important indicator for consumers of these important products:

Soda Ash
Caustic Soda
Modified Sodas
Special Alkalies
Heavy Duty Cleansers
Nitrite of Soda
Liquid Chlorine
Calcium Chloride
Caustic Potash
Liquid—Flake—Ground—Solid—Lump
Ammonium Chloride
Para-dichlorobenzene
Ortho-dichlorobenzene
Ammonium Bicarbonate
Potassium Carbonate
Liquid—Granular Hydrated—Dustless Calcined
47% 83-85% 98-100%

SOLVAY SALES CORPORATION

Alkalies and Chemical Products Manufactured by The Solvay Process Company

40 RECTOR STREET NEW YORK, N. Y.

Branch Sales Offices:

Boston	Cincinnati	New Orleans	Pittsburgh
Charlotte	Cleveland	New York	St. Louis
Chicago	Detroit	Philadelphia	Syracuse

BARIUM SULPHIDE

BARIUM REDUCTION CORPORATION SOUTH CHARLESTON, W. VA.

...a dependable source of supply

SULPHUR

Stauffer

BORIC ACID . CARBON TETRACHLORIDE : BORAX
TITANIUM TETRACHLORIDE : CAUSTIC SODA : SULPHUR
CHLORIDE : SULPHUR : SILICON TETRACHLORIDE
CREAM OF TARTAR : SULPHURIC ACID : CARBON
BISULPHIDE : TARTARIC ACID : WHITING

STAUFFER CHEMICAL COMPANY

2710 Graybar Bldg. New York, N.Y.
636 California St. San Francisco, Cal.
Carbide and Carbon Bldg. Chicago, Ill.
Rives-Strong Bldg. Los Angeles, Cal.
Freeport Texas

Stauffer

FINEST TC QUALITY

TENNESSEE CORPORATION

TENNESSEE CORPORATION

Prompt shipments on receipt of order

ATLANTA, GA., LOCKLAND, O.; In Florida, U. S. PHOSPHORIC PRODUCTS CORP., TAMPA

Some important phases of our business and service are of too confidential a nature to describe specifically. In general, we offer our staff and laboratory to function as part of your organization in developing new chemical products, working out new uses or adapting our products to your special requirements.

Oldbury
Electro-Chemical
Company

Plant and Main Office:
Niagara Falls, New York

New York Office:
22 East 40th Street, New York City

Phosphorus and phosphorus products. Sodium chlorate.
Potassium perchlorate. Oxalic acid

maintained with sales ranging from 10.30c. to 10.47½c. per pound, c.i.f. European base ports.

Copper Salts.—Quotations for copper nitrate were slightly higher at .1620c. to 17c. per pound, according to quantity. Other copper derivatives were steady to firm at previously established levels. Withdrawals continue to be held to modest levels.

Copperas. — Comparatively little of importance developed in this direction last week. The statistical position of the market continued to reflect low steel operations, although moderate improvement in this direction may soon be reflected in higher production. Steel operations last week were scheduled at 39.8 percent of capacity, compared with 37 percent in the preceding week. The small supplies were fairly well absorbed.

Feldspar.—Business continued to feel the effects of low activity in the ceramic and building trades. The market offered nothing new in regard to prices, with a steady to firm tone still in evidence. Mining in the largest feldspar and permantite deposit in the United States will be permitted under modification of restrictions regarding mining in the game preserve of Harney Peak National Forest, South Dakota.

Nickel Salts.—Activity in the market was still reflecting low automotive activity, and the future trend of business will depend on the extent of automotive output to a large degree. Prices ruled firm.

Potash Carbonate.—A moderate interest prevailed in the market last week. The call came chiefly from the textile, soap and glass trade, with the former showing more interest in some sections. Quotations were well maintained at previous levels.

Potash, Caustic.—A slight broadening in the demand from the textile trade continued to make its appearance in some directions, while other consumers displayed a cautious purchasing policy. No change was disclosed in the quotations.

Potash Chlorate.—Demand from the match and explosive trade was fair, although there was little indication that commitments were being extended beyond nearby requirements. Prices ruled unchanged.

Potash Permanganate.—The market continued to be concerned with modest withdrawals, with usual consumers coming in the market for nearby requirements. Quotations were unaltered.

Salt.—A slight broadening in demand was reported in some directions for industrial salt. Sellers pointed to a better inquiry from furriers and the textile trade. Price schedules were well maintained. The situation arising from the dumping of salt in India following the refusal of the government of India to continue the protection granted to the salt industry of that country was considered at a recent meeting in Bombay of the Committee of the Federation of India Chambers of Commerce and Industries, according to the American commercial attache at Calcutta. At the meeting it was decided to urge the government to take immediate action with regard to the reported shipment of more than 13,000 tons of salt of foreign origin to India to Liverpool and Port Said, the report stated. It was also agreed that a bill should be introduced which will adequately protect the Indian salt industry against further shipments of salt to that country from abroad, according to the report.

Soda Ash.—Shipments were moving into principal consuming channels at a fair pace for this time of the year. A slight broadening in operating rates in some basic consuming industries, such as glass and textile was an encouraging factor. Price schedules continued unchanged. June exports totaled 11,396,112 pounds, valued at $141,230, of which, 146,400 pounds went to the United Kingdom; 556,281 pounds to Canada; 4,999,525 pounds to Mexico; 234,940 pounds to Cuba; 495,966 pounds to Argentina; 894,966 pounds to Brazil; 112,100 pounds to Peru; 342,214 pounds to Venezuela; 2,016,121 pounds to China; 430,260 pounds to the Netherland East Indies; 448,140 pounds to Hongkong; 163,800 pounds to the Philippine Islands; 131,030 pounds to Australia, and 101,110 pounds to the Union of South Africa.

Soda Bicarbonate.—A steady withdrawal of material was reported for the account of the beverage and food industry. Pricewise the market displayed a firm tone. June exports aggregated 1,636,356 pounds, valued at $25,110, of which 882,974 pounds went to Canada; 440,202 pounds to Mexico; 73,444 pounds to Cuba; 8,400 pounds to Haiti; 77,600 pounds to Argentina; 11,000 pounds to Bolivia; 38,089 pounds to Colombia; 5,000 pounds to Ecuador; 24,786 pounds to Venezuela; 37,400 pounds to the Netherland East Indies, and 5,978 pounds to the Philippine Islands.

Soda, Caustic.—Shipments showed a steady demand for fair-sized quantities emanating from the paper, textile, rubber industries, while the call for water softening purposes was well maintained. Quotations were steady to firm. June exports aggregated 19,341,687 pounds, valued at $373,040, of which, 1,308,165 pounds went to Canada; 3,742,819 pounds to Mexico; 611,518 pounds to Cuba; 2,587,780 pounds to the Netherland West Indies; 2,273,600 pounds to Argentina; 1,258,941 pounds to Brazil; 139,853 pounds to Chile; 206,121 pounds to Colombia; 163,342 pounds to Peru; 301,200 pounds to British India; 1,569,214 pounds to China; 2,989,824 pounds to the Netherlands Indies; 896,977 pounds to Hongkong; 920,122 pounds to the Philippine Islands.

Soda Cyanide.—Quiet conditions continued to prevail in the market. There has been little large-scale buying from the electroplating and case hardening industries as yet, although the outlook seemed definitely improved, with the automotive industry preparing for new model productions. Prices were well sustained at previous levels. June exports amounted to 107,961 pounds, valued at $13,358, of which, 3,713 pounds went to Canada; 4,000 pounds to Costa Rica; 34,110 pounds to Mexico; 14,110 pounds to Bolivia; 11,200 pounds to Colombia, and 40,032 pounds to the Philippine Islands.

Soda Hypophosphite. — Sellers could point to a fair movement into some consuming channels last week. The demand from leather, textile, dyestuff and paper industry was steady, while the demand for water sanitation purposes was enjoying a seasonal trend. Quotations remained steady to firm.

Soda Phosphate.—The market continued to display a diversified demand for fair-sized quantities. The call came chiefly from laundries, bottling plants, foodstuff, dyestuff and tanning interests. Price schedules remained unaltered. June exports totaled 734,832 pounds, valued at $21,896, of which, 102,804 pounds went to Belgium; 291,710 pounds to the United Kingdom; 227,248 pounds to Canada; 7,675 pounds to Mexico; 6,925 pounds to Trinidad and Tobago; 11,749 pounds to Cuba; 12,125 pounds to the Dominican Republic; 32,500 pounds to the Netherland West Indies; 12,375 pounds to Colombia; 11,375 pounds to New Zealand, and 9,000 pounds to the Union of South Africa.

Soda Silicate.—Movement of this material into paper products and soap compositions was steady last week, with consumers ordering quantities to take care of immediate production requirements. Prices ruled unchanged. June exports totaled 1,248,995 pounds, valued at $19,758, of which, 64,017 pounds went to Sweden; 46,272 pounds to the United Kingdom; 468,036 pounds to Canada; 83,816 pounds to Honduras; 60,000 pounds to Newfoundland and Labrador; 192,600 pounds to Cuba; 190,266 pounds to Peru, and 100,050 pounds to the Philippine Islands.

Soda Stannate.—Quotations were ½c. per pound lower at 29c. to 32½c. per pound. Interest in the market continued at moderate levels.

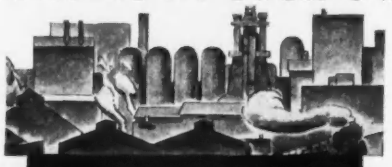
Sulphur, Refined. — Business was along moderate lines for the most part last week. The market continued to enjoy a broad demand, with indications that some important consumers were making their appearance more frequently. Prices were without change.

Tin Salts.—Fractionally lower quotations were recorded in the market for tin derivatives last week. Anhydrous tetrachloride of tin was 22¼c. per pound and tin crystals was quoted at 34½c. to 35c. per pound. Straits tin declined to 43.40c. per pound. Demand was confined to modest quantities throughout the week just ended.

Zinc Chloride.—A steady to firm tone prevailed in the market throughout the week just closed. Business was reported to be holding at fair levels in most directions, although commitments were usually held to modest proportions.

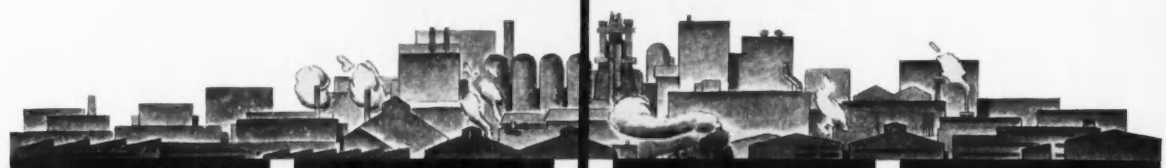
Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

STANDARDIZING ON DIAMOND BRAND IS YOUR ASSURANCE OF UNVARYING RESULTS IN YOUR OWN PROCESSES



58% SODA ASH

Consistently preferred throughout industry in the manufacture of glass, paper, textiles, detergents, enamel ware, etc. . . . Unvarying in composition, purity and full strength.



76% CAUSTIC SODA

Diamond 76% Caustic Soda is the standard of commercial quality,—it is used extensively in the manufacture of cotton, rayon, soap, oil refining, chemicals, rubber reclaiming, etc.

BICARBONATE OF SODA

The quality of Diamond Bicarbonate of Soda exceeds the United States Pharmacopoeia standard,—indispensable in the manufacture of self rising flours, medicines, lumberdip, fire extinguishers, leather, etc.

LIQUID CHLORINE

Uniform purity combined with utmost safety in handling, nationally available in cylinders of 100 and 150 pound capacities. Also 15 ton multiple tank cars and standard 15 and 30 ton tank cars.

DIAMOND SODA CRYSTALS

A scientific aid to modern cleaning,—these light, fluffy, free-flowing crystals contain an ideal balance for safe and efficient cleaning. Dissolve instantly in hot or cold water—do not cake in the barrel.

CARBON TETRACHLORIDE

A non-inflammable, powerful solvent with remarkable properties and wide application. Its exceptional purity makes it especially desirable for dry cleaning purposes, oil extraction, leather cleaning, etc.

SPECIAL ALKALI

Diamond Special Alkalies are scientifically compounded to meet special cleaning requirements,—used in large quantities by brewers, beverage manufacturers, dairy plants, laundries, etc.

CLEANER AND CLEANSER

A combination of a detergent, cleaner and disinfectant. Made especially for large scale cleaning operations such as hotels, restaurants, office buildings, dairies, bakeries, packing establishments, etc

HI-TEST ALKALI

An exceptionally efficient and economical bottle-washing alkali made in flake form . . . eliminating dust. Assures long lasting solutions and thoroughly clean, sparkling bottles.

DIAMOND *Quality* ALKALIES

ALKALI

DIAMOND ALKALI COMPANY

PITTSBURGH, PA. *and* EVERYWHERE

Acids

Movement of mineral acids into consuming lines last week proceeded at a moderate level. Definite indications of a pick-up in some consuming channels provided a much better outlook for later in the year. Pricewise the market offered no particular feature, with a steady tone prevailing in practically all directions. Reports of more activity in the rayon industry augured well for acetic acid. Chromic acid continued quiet. Formic acid moved in fair quantities for nearby requirements. Gallic noted a slightly better interest in some directions. Lactic was spotty. Muriatic acid was in moderate demand. Nitric and oxalic acids displayed a steady demand for moderate quantities. Sulphuric acid continued to reflect lack of large scale buying by important consuming industries.

Acetic.—Definite indications of a pickup in the rayon industry augured well for increased consumption from this important consuming channel last week. Business generally continued on a moderate basis. Price schedules were without change. June exports totaled 17,022 pounds, valued at $1,848, of which 4,675 pounds went to Italy; 4,119 pounds to Canada; 1,309 pounds to Honduras; 1,309 pounds to Panama, and 1,484 pounds to Cuba. June exports of acetic anhydride were 59,741 pounds, valued at $4,888, of which 57,600 pounds went to Belgium.

Chromic.—Quiet conditions prevailed in the market again last week. Interest from the plating trade was at a seasonally low level. Prices ruled unchanged.

Formic.—Usual consumers were coming in the market for fair quantities to meet nearby requirements. No change was disclosed in the quotations.

Gallic.—A slightly better interest was displayed in some directions. Quotations were in conformity with the preceding period.

Lactic.—Business was reported as spotty last week. The call came chiefly from the tanning, textile and foodstuff industries. Prices continued steady to firm.

Muriatic.—While business was maintained at moderate levels, some consumers displayed a more active interest throughout the past week. June exports amounted to 153,579 pounds, valued at $5,536, of which, 13,793 pounds went to Canada; 12,500 pounds to Honduras; 8,289 pounds to Mexico; 8,766 pounds to Jamaica; 62,812 pounds to Cuba; 6,930 pounds to Bolivia, and 30,020 pounds to Colombia.

Nitric.—A slight improvement in the dyestuff and rayon demand was uncovered last week, other consumers were displaying only routine interest. Prices ruled steady to firm.

Oxalic.—A steady demand for moderate quantities made up the bulk of the business in the market last week, large consumers still were making cautious purchases.

Sulphuric.—Demand for the various grade of sulphuric acid continued moderate last week. Large consumers were not inclined to place large size commitments at this time. Despite the narrow movement, encouraging industrial reports in some principal consuming channels such as steel and textile augured well for increased business in the market for the Fall. Pricewise the market offered no alteration.

Baltimore, Aug. 3.—Somewhat more interest is being shown in the market for sulphuric acid, though in the main the situation is not materially changed. With the steel production slowly turning upward, the requirements of this industry in the way of acid are likely to be larger than seemed probable only a short time ago, but such a development must have been foreseen, because it was hardly in the calculations of the steel makers that the output would remain as low as it was. Allowance for an expansion, consequently, must be considered among the virtual certainties. The producers of acid have made no change in their quotations, which remain at $12 per ton for 60 degree and at $15 per ton for 66 degree acid. As for the manufacturers of fertilizer mixtures, it may be taken for granted that their needs will undergo a pick-up, but here, too, provision has probably been made for the increasing requirements, so that no decided change in the situation as a whole may be looked for. The market for oleum is also steady, with the old figure of $17 per ton for 20 percent stocks adhered to, and with the producers content to wait for the normal demand to assert itself.

Insecticides

Calcium arsenate continued to occupy the chief interest in the market for agricultural insecticides and fungicides last week. Although shipments of calcium arsenate so far this year have not been abnormally large, much interest was attached to the weather reports in the cotton belt, which will go a long way toward influencing the demand for calcium arsenate, over the next few weeks. The season for most other insecticides was about finished, although spasmodic insect outbreaks in various sections have influenced the demand for certain products.

In the cotton belt temperatures were mostly around normal with substantial rainfall widespread, except in parts of the Southwest. In general, the week was again rather unfavorable because of too much rain in most of the central and eastern portions of the belt, but favorable, on the whole, in the west. In Texas, plants are fruiting freely well to the north with condition good, except in some west central areas where damaged by floods. However, rainfall has favored insect activity and encouraged rank growth in west central and northern sections. Picking and ginning are nearing completion in southern districts. In Oklahoma cotton is generally good with much bloom and many large bolls. There is some local shedding in the extreme south central portions. In the central States of the belt too much rain in most sections favored weevil activity and some shedding is reported. In most of Arkansas and extreme northern Louisiana progress is very good. In the southeastern belt, continued frequent rains have been decidedly favorable for weevil activity and considerable shedding is reported from some localities. In North Carolina progress was fair to good in the west and only fair in the east. Less rain and more sunshine have brought some improvement.

Calcium Arsenate.—A steady movement of this material was in evidence throughout the last week. Reports of continued rain in the Central and Eastern portions of the cotton belt augured well for increased weevil activity, and weather conditions from now on will greatly influence movement of calcium arsenate. Quotations remained firm. June exports amounted to 67,904 pounds, valued at $4,066, of which 27,664 pounds went to Salvador, and 40,000 pounds to Mexico.

Lead Arsenate.—While the season for heavy withdrawals has passed, some interest was reported in the market from time to time to take care of beetle outbreaks. June exports amounted to 521,075 pounds, valued at $4,967, of which 44,800 pounds went to Argentina.

Nicotine Sulphate.—Withdrawals were reported at fair levels for this time of the year. Quotations were without change. June exports aggregated 60,618 pounds, valued at $37,051, of which 9,240 pounds went to Germany; 6,462 pounds to Canada; 19,560 pounds to Japan; 15,600 pounds to Australia, and 8,700 pounds to New Zealand.

VICTOR
FORMIC ACID
85% and 90% Strengths
Noted for its purity, uniformity and stability. Will not darken when exposed to light. Will not cloud up when diluted. Free from sulphates and chlorides.
VICTOR CHEMICAL WORKS
141 W. Jackson Blvd., Chicago
SERVICE
UNIFORMITY
QUALITY

SULPHURIC ACID
60° 66° 98%
Tank Cars—Carboys
Prompt Shipments
ROYSTER CHEMICAL WORKS
TOLEDO, OHIO
Division of
F. S ROYSTER GUANO CO.
NORFOLK, VA.

Trade Briefs

Stauffer Chemical Company plans an expenditure of $5,500 on improvements at Los Angeles, Calif., plant.

Butte Copper & Zinc Company has moved its New York office to 50 Broad street.

E. I. du Pont de Nemours & Co. explosives plant at Moosic, Pa., was damaged August 1 when the plant became ignited by lightning. Seven persons were injured.

Cobalt Contact Mines, Ltd., stockholders have approved the sale of the property to the York Bousquet Gold Mines, Ltd., for 400,000 shares of free stock of that company.

Ralph S. Dyson, for many years manager of stock silent and roller chain drives through distributors, for the Link Belt Company, Chicago, will head the roller chain sales to duplicate machinery manufacturers.

Link-Belt Company, Chicago, has appointed William W. Bond as Western sales manager of the positive drive division, with headquarters at the Dodge plant, Indianapolis, to succeed G. Howard Burkholder, deceased.

Mayfair Chemical Corporation, operator of rubber-dipping plants in this city and Carlstadt, N. J., has leased for the location of a third plant the Lyons Piece Dye Works industrial terminal in Paterson, N. J.

Paul R. Kohler has been sent to this city by the Societe Chimique et Metallurgique, Brussels, Belgium, as its representative in the United States. He is opening an office at 225 West Sixty-ninth street.

Herman Meyer, who is making his headquarters with Frey & Horgan, 17 State street, this city, is about to establish himself as a distributor and special agent for concerns seeking distribution in the east and as an exporter.

Wood Preserving Corporation, a subsidiary of the Koppers Company, Pittsburgh, has called a meeting of stockholders for August 10 to vote on obtaining a four percent loan of $2,000,000 from a life insurance company. Proceeds of the loan would be used to refund indebtedness and outstanding securities of its subsidiaries.

South Dakota Issuing Feldspar Mining Claims

Custer, S. D., Aug. 3, 1938

Permits will be issued for mining in the largest feldspar and permatite deposit in the United States, under modification of restriction regarding mining in the game preserve of the Harney Peak national forest, according to M. W. Heumphreus, South Dakota mining inspector. No production plants or mills can be erected.

Title to the mining claims on the 46,000 acres, which adjoin Custer State park, will remain with the government, although individuals may work the claims for an indefinite period. In addition, there will be no government charge for operation of claims. No permits will be issued for claims with 660 feet of Federal, State or county roads. South Dakota was the second largest feldspar mining territory in the United States last year, with North Carolina occupying the top position.

Dow Chemical Reports Fiscal Year Earnings

The Dow Chemical Company, Midland, Michigan, reports for the year ended May 31 net income of $3,895,269, after depreciation, Federal taxes, etc., equal, after preferred dividends, to $3.91 per share on the common capital stock outstanding. This compares with $4,089,113, or $4.15 per share for the year ended May 31, 1937.

Total current assets amount to $13,276,543, including $2,276,564 in cash. Current liabilities amounted to $3,343,732. Total surplus was $10,416,556. Net sales amounted to $24,871,196. Current assets in 1937 totaled $11,749,195. Current liabilities in 1937 totaled $3,291,166. The earned surplus for last year was $9,349,372.

Willard H. Dow, president, in his report to stockholders, stated that the company maintains a staff of 400 chemists, chemical engineers, physicists, metallurgists and bio-chemists. He further explained that the company maintains seven separate research department laboratories, in addition to a complete engineering department and patent office. During the past year, he said, more than a hundred new chemical compounds were produced for testing purposes. He added that the researches of the past few years have borne fruit in offering to the trade of new plasticer compounds, "Dowicides" and other materials. He added that research has taught the company that there are many unexplored fields and many opportunities for further expansion and development.

I.C.C. Rules Against Case-Hardened Glass

OPD Washington Bureau
Aug. 1, 1938

A ruling that case-hardened plate glass may not be used on any bus or truck operated as a common or contract carrier in interstate commerce has been made by the Interstate Commerce Commission.

A previous Interstate Commerce Commission order permitted the use of case-hardened glass in certain windows of these vehicles, and several automobile manufacturers petitioned the commission to reopen the case and permit the substitution of case-hardened for laminated safety glass in certain other openings. Instead the I.C.C. ruled that case-hardened glass may not be used at all. The new order applies to new vehicles and replacements in old behicles after September 1, 1938.

It was contended that case-hardened glass becomes translucent when broken and cannot be broken out of its frame by pressure of the hand in case of accident as easily as laminated glass, and the commission ruled that laminated glass is therefore better suited to safety considerations.

Salt Freights Reduced

The New York Public Service Commission has approved new commodity freight rates on the following:—

Of the Lehigh Valley railroad on salt and salt compounds from Ludlowville and from Retsof on Genesee & Wyoming to Pomfret and Portland on New York, Chicago & St. Louis railroad, 14c. in bulk and 17c. in packages or blocks, and to Portland on New York Central railroad from Ludlowville, 14c. in bulk and 17c. in packages or blocks. Reduction respectively of 5c. and of 7c. per hundredweight. Effective August 22, 1938.

Dyestuffs, Textile and Leather Chemicals

Bichromates Enjoy Steady Demand—Egg Yolk Advanced—Leaf Sumac Lower—Corn Derivatives Reduced—Annatto and Cochineal Firm—Zinc Dust Steady

Demand for textile and leather chemicals last week was not quite as active as recent weeks. Most retailers have now covered their initial Fall requirements, and mills expect a lull until later in the summer. Government buying has helped reduce clothing inventories considerably. Shoe factories are operating at capacity and in many instances are unable to take new business for delivery before October. The distinct improvement in rayon business recently has brought about increased production schedules in some plants. Changes in the market included lower quotations for dextrin starch and leaf sumac; higher quotations were recorded for egg yolk.

Bichromates continue to move at a steady pace, with the leather industry providing the bulk of the increased business. Reports by large consumers continue to reveal increased demand for leather and higher production schedules. Tanning materials were moderately active against last week. Tanners have been in the hide market for moderate quantities of skins. Raw tanning materials were steady to firm last week, with leaf sumac providing the only price change with a slight reduction. Chemical products used in the Chilean tanning industry constituted a market valued at almost $700,000 in 1936. Chile produces some extract from the native Ulmo and Lingque trees, but the bulk of the materials are imported. The United States and Germany furnishes most of these chemicals other than quebracho which comes from Argentina, according to the office of the American commercial attache at Santiago.

Sizing materials provided some price changes, with a reduction reported for dextrin and starch, reflecting the lower grain prices. Egg yolk was advanced to conform with the firmer prices in the shell egg market. Natural dyestuffs continue spotty, with annatto and cochineal firm features. Zinc dust continued firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Egg yolk, 2c. per lb.

Reduced

Dextrin, corn, 5c. per 100 lbs.
Starch, corn, 5c. per 100 lbs.
Sumac, leaf, $1 per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
151.8	151.9	151.9	154.1

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—Business in the market for the various grades was at fair levels throughout the past week. Price schedules were in conformity with the previous period.

Antimony Salt.—Usual consumers were coming into the market for modest quantities last week. Prices were without change from the previous week.

Potash Bichromate.—Demand was good at times in this direction, with the leather and textile consumers taking a more active interest in the market. Prices ruled firm.

Soda Bichromate.—A steady demand was still in evidence from principal consuming channels to take care of improved operating schedules, particularly in the leather industry. No change was reported in the quotations. June exports totaled 477,883 pounds, valued at $31,441, of which 10,748 pounds went to Finland; 13,029 pounds to France; 4,456 pounds to Lithuania; 77,759 pounds to the Netherlands; 22,053 pounds to Sweden; 44,800 pounds to the United Kingdom; 99,966 pounds to Canada; 65,783 pounds to Mexico; 49,989 pounds to Newfoundland and Labrador; 50,953 pounds to Brazil, and 37,117 pounds to Chile.

Zinc Dust.—Pricewise the market continued in a firm position, reflecting the firmness in the basic metal. Business was reported as steady, with moderate quantities making up the call.

Dyestuffs

Annatto.—The call for the seed and paste material was confined to small quantities in most instances. Quotations displayed a steady to firm tone. June imports amounted to 40,122 pounds, valued at $1,853, of which 33,984 pounds came from British India; 4,938 pounds from Jamaica, and 1,200 pounds from the Dominican Republic.

Archil.—Sellers could point to a slightly better interest in the market for moderate quantities last week. No change was uncovered in the prices.

Cochineal.—A steady to firm tone prevailed in the market again last week. Business was reported as fairly steady for modest quantities.

Fustic.—While business was still along narrow lines, evidence of a better interest in some consuming lines began to make its appearance. Prices ruled unchanged.

Logwood.—Business was described as holding at fair levels throughout the past week. No change was disclosed in the prices. June imports totaled 67,941 pounds, valued at $8,551, all of which came from France.

Turmeric.—Dealings in this direction were still spotty. Quotations were well maintained at previous levels. June imports aggregated 385,060 pounds, valued at $12,893, of which 381,700 pounds came from British India and 3,360 pounds from Japan.

Sizing Material

Albumen, Egg.—Business in the market continued quiet, with the abnormally hot weather proving detrimental to consumer demand in some sections. Quotations were maintained at the levels announced the preceding week.

Dextrin.—Quotations were reduced 5c. per 100 pounds for corn dextrin last week, conforming with the lower quotations for the basic commodity. Business was along fair lines. Federal farm officials made tentative arrangements for a referendum in the Corn Belt about September 3 on a proposal to invoke marketing quotas. Private forecasts of corn crop in excess of 2,500,000,000 bushels indicated that an election would be necessary to determine whether growers want to use quotas to keep surplus corn off the market.

Egg Yolk.—Quotations advanced 2c. per pound at 64c. to 66c. per pound, according to quantity. Business was not very active last week, the advance could be attributed in part to the strength in the shell egg market.

Starch.—Prices for various grades of cornstarch were lowered 5c. per 100 pounds, reflecting the lower prices for the basic commodity. Sellers report business was maintained at moderate levels throughout the week. With favorable temperatures and sufficient moisture of the belt, the corn crop continues to make satisfactory progress, especially so east of the Mississippi river where widespread, timely showers have been helpful. Visible supplies of corn last week totaled 16,660,000 bushels, compared with 18,209,000 the previous week and 7,794,000 bushels in the same week a year ago.

Tanning Material

Mangrove Bark.—Business was fairly steady last week, with tanning interest coming in the market for moderate quantities. Prices ruled unchanged.

Myrobalans.—A steady to firm tone governed the dealings again last week. Business for the various myrobalans was well maintained, with fair sized quantities making up the call.

Quebracho Extract.—Shipments were moving out at a fair pace throughout the week just ended. Price schedules were in conformity with the previous period.

Sumac.—A slight reduction was recorded for the leaf sumac last week at $68 per ton. Interest in the market continued steady, with some consumers displaying a better inquiry.

Valonia Beards.—Prices were well maintained throughout the past week. Business was reported as spotty.

Wattle Bark.—Quotations remain at previous levels. Usual consumers were coming in the market from time to time for fair sized quantities.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Fats and Oils Sulphonated Reported for Second Quarter

Fats and oils subjected to sulphonation by sixty establishments during the quarter ending June 30, 1938, as reported to William L. Austin, director of census of the Department of Commerce were as follows:—

Animal Oils

	Pounds.
Tallow	1,094,187
Neat's-foot oil	290,988
Cod oil	1,325,095
Sperm oil	422,288
Red oil	306,229
Miscellaneous	58,694
Total	3,497,481

Vegetable Oils

	Pounds.
Coconut oil	215,794
Corn oil	32,645
Olive oil	219,566
Castor oil	2,430,148
Teaseed oil	1,104,751
Miscellaneous	128,733
Total	4,131,637

Imperial Chemical Industries President Mitchell Resigns

London, Aug. 4, 1938

Imperial Chemical Industries announces that H. J. Mitchell, with a view to obtaining that degree of leisure recommended by his medical advisers, has relinquished the office of president. He will, however, remain a director with a seat on the management board.

Mr. Mitchell is also a director of African Explosives and Industries, Canadian Industries, Cape Explosive Works, and Union Espanola de Explosives.

Steel Barrel June Output Up

Heavy type steel barrel and drum production for June, 1938, amounted to 696,528 as compared with 595,254 for May and 923,049 for June, 1937. Shipments amounted to 685,453 in June, compared with 696,738 in May and 929,536 in June a year ago. Stocks at the end of the month totaled 34,089 as against 24,041 at the end of June a year ago, according to the Bureau of Census.

Production of the lighter types in June amounted to 156,752 as against 141,262 in May and 180,175 in June a year ago. Shipments amounted to 154,325 in June, against 142,219 in May, and 179,488 in June a year ago. Stocks at the end of the month totaled 8,589 in June, against 10,622 in June a year ago.

Haas-Miller Engages Dieck

The Haas-Miller Corporation, manufacturer of chemicals, oils and greases, has appointed Fred W. Dieck as sales representative to contact rayon and silk throwsters. Mr. Dieck was formerly associated with the Susquehanna Silk Mills, Sunbury, Pa., for twenty-five years.

Natural Products Refining Co.
910 Garfield Avenue,
Jersey City, N. J.
Natural
Natural BICHROMATES

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLÉ, 205 Fulton Street, NEW YORK
Telephones: Cortlandt 7-1460-1461 Cable Address: "Fezan," N.Y.

NIACET PRODUCTS
Acetic Acid Glacial - U.S.P. - Reagent
Acetaldol
Acetamide
Paraldehyde
Acetaldehyde
Iron Acetates
Copper Acetate
Methyl Acetate
Crotonaldehyde
Ammonium Acetate
Manganese Acetate
Sucrose Octa Acetate
Other Acetate Salts
"SODACET"
(Trade Mark)
SODIUM ACETATE
SPECIAL 90% GRADE
A fine free-flowing powder containing 50% more actual Sodium Acetate, pound for pound, than the usual 60% grade.
Aluminum Acetate Solutions 20% Normal, 32% Basic
Sodium Acetate Tech. 60%, Special 90% Grades
NIACET CHEMICALS CORPORATION NIAGARA FALLS, N.Y.

Mutual Bichromates
Bichromate of Soda
Bichromate of Potash
Oxalic Acid
Chromic Acid
MUTUAL
MUTUAL CHEMICAL CO. OF AMERICA
270 MADISON AVE. NEW YORK
PLANTS AT BALTIMORE AND JERSEY CITY MINES IN NEW CALEDONIA

Plastic, Coldwater Paint Calcimine Sales Off

Sales of plastic and cold-water paints and calcimines reported by fifty-three manufacturers to the Bureau of Census for June, 1938, were as follows:—

Plastic Paints

	Pounds.	Value.
Paste, casein-bound	127,502	$16,680
All other	35,156	3,201
Dry, casein-bound	246,012	18,233
glue-bound	96,142	4,833
Totals	504,812	$42,947

Cold-Water-Paints

	Pounds.	Value.
Exterior, lime or cement-bound	895,679	$95,699
casein-bound	406,171	16,445
Interior, casein-bound, paste or semi-paste form	167,015*	202,915
dry powder form	961,787	74,936
glue-bound	366,516	8,534
Totals	.....	$368,529

* Gallons.

Calcimines

	Pounds.	Value.
Hot water	2,688,685	$105,415
Colt water	2,953,599	137,129
Totals	5,642,284	$242,544

Sales of these products for the first six months of the year compared with those in the corresponding period of 1937 were as follows:—

	1938.†	1937.
Plastic paints.....lbs.	3,205,854	3,637,306
value.	$243,096	$271,852
Cold-water paints....value.	$2,383,428	$1,696,574
Calcimines .....lbs.	39,624,108	46,469,777
value.	$1,647,928	$1,984,142

† Data previously published for January-May have been revised.

Illinois Paint Up Drive Further Extended

Governor Henry Horner of Illinois, who annually cooperates with the National Clean Up and Paint Up Campaign Bureau, Washington, D. C., in the proclamation of a State-wide Clean Up and Paint Up Campaign, has greatly extended the activity along this line by directing the division of highways and the State Department of Agriculture jointly to institute a Farm Floral Contest, with the cooperation of the Illinois Federation of Women's Clubs and the Garden Club of Illinois, with the offer of $1,305 in cash prizes and bronze plaques of honor which may be attached to farm gateways.

The Minneapolis Junior Association of Commerce, which sponsored the 1938 Clean-Up, Paint-Up, Plant-Up, Build Up Campaign in Minneapolis has reported that many new features were introduced into the campaign this year. A two-mile long parade was conducted through the downtown section of Minneapolis.

N.P.V.L.A. Entertainment Convention Plans Shaping

Plans are gradually being completed for the entertainment of a record-breaking attendance at the fiftieth anniversary of the National Paint, Varnish and Lacquer Association, which will be observed at its 1938 convention, to be held in Atlantic City, October 26 through 28. William H. Jarden, jr., of the McCloskey Varnish Company, Philadelphia, Pa., chairman of the entertainment committee, has issued the following statement:—

To commemorate the golden anniversary of an individual, a business, or any organization, is always an interesting occasion. You, as a member of this association which is without question one of the greatest trade organizations in this country, owe it to yourself and your associates in this great industry to attend.

Your committee on arrangements and entertainment extends to you a most cordial and urgent invitation to attend and promise you their best efforts to make your visit so profitable and pleasant that it will linger in your memories for many years. They will bend every endeavor to take care of your comfort and enjoyment.

It is usually delightful at Atlantic City at this season of the year. Now is the time to make long range plans to come—and bring your wives and your daughters.

Make a whole week of it, if you can, and take in the meetings of the production clubs which immediately precede the association meetings.

Housing Materials Exempted From Domestic Source Rule

OPD Washington Bureau
Aug. 3, 1938

Finding that certain articles used in low-rent housing projects are not produced in the United States or that the domestic supply is inadequate or are obtainable from but one producer, Nathan Straus, Federal Housing Administrator, has directed that these articles be exempted, when for such use, from the laws applicable to the use of domestic and foreign materials. Among the articles involved are antimony, asbestos, carnauba wax, chromium, cork, manganese ore (35 percent or over), mica, nickel and natural nickel alloys, rubber, tin, titanium, and tungsten.

Cleveland Cleaner & Paste Co. Observing Fiftieth Anniversary

The Cleveland Cleaner & Paste Company, Cleveland, Ohio, of which Frank U. S. Gilbert is president, is observing its fiftieth aniversary. In preparations for an anticipated increased volume of business for the coming season, the company is erecting a two-story brick addition to its plant at 7275 Neville street. The company manufactures a line of wall paper cleaners, and has just added a new product known as "Walvet," a non-crumbling wall paper cleaner.

J. T. Dunstan Proprietary, Ltd., Melbourne, recently erected a plant in Preston, Australia, for the manufacture of cold water paints and for the production of various types of varnishes.

Glyco Products Co. Offers Flexible Shellac and Casein

The Glyco Products Company, this city, is offering flexible shellac and casein in commercial quantities. The former is being marked under the name "Flexilac" and the latter is called "Protoflex." Both products may be used in cements for gaskets exposed to gasoline, naphtha, etc. The products may also be used in adhesives, polishes, agricultural spray spreaders, insulation, cosmetics, sizings, latex, water-varnish and for finishing metal, paper, straw, textiles, rubber, leather, etc.

N.E. Paint Club Proposals Accepted by Master Painters

The New England Paint & Oil Club reports that, as a result of recent meetings between committees from the manufacturers and distributors group of it club and the Massachusetts Society of Master Painters and Decorators, it has been agreed that the master painters' society will establish associate memberships at $50 a year; that exhibits will be eliminated, and that two regional meetings will be held by the manufacturers and distributors group to which the members of the society and associate members will be invited.

Lacquer Sales Up

Sales of clear lacquers, pigmented lacquers, and lacquer bases and dopes and thinners by 158 manufacturers as reported to the Bureau of Census for the second quarter of 1938 and a comparison with the similar period in 1937 were as follows:—

	1938.	1937.
Clear lacquers.....gals.	1,790,186	1,899,387
value.	$2,448,785	$2,569,578
Pigmented lacquers..gals.	2,014,625	1,986,213
value.	$4,646,697	$4,336,589
Lacquer bases and dopes, gals.	353,983	422,312
value.	$415,467	$510,812
Lacquer thinners.....gals.	3,822,772	3,626,926
value.	$2,698,808	$2,443,683
Totals .....gals.	7,981,566	7,934,838
value.	$10,209,757	$9,860,662

Pantepec Oil Company of Venezuela stockholders have been asked to approve exchange of their stock, on a share for share basis, into stock of the Venezuelan Pantepec Compania Anonima de Petroleo. The plan calls for a dissolution of the Pantepec company.

PACKED WITH SPEED AND PRECISION

Among the facilities which help Continental give exactly correct measure and weight in every bag of carbon black is modern precision packing equipment. Here, the operator is filling the bags with Continental Uncompressed Black. Filled with speed and accuracy, it is then weighed correctly to the ounce—so that when used by the bagful in customers' formulae it can be relied upon to give good results. This method is typical of all operations at Continental's plant—where *all* Continental Carbon black is produced.

CONTINENTAL CARBON COMPANY • 295 MADISON AVENUE, NEW YORK, N. Y.

Continental

American Luminous Products Names British Sales Agent

Rex Campbell & Co., 7 Idol Lane, Eastcheap, London, has been granted the exclusive sales rights for the British Empire for "Calux," a luminous pigment, manufactured by the American Luminous Products Company, Huntington, California. This English concern, specializing in the sale of products for making paints, lacquers and finishes of all kinds, all represents the Glyco Products Company, New York, and the general naval stores division of Newport Industries, Inc., New York, and other American manufacturers.

Paint Up Campaign Used 330,315 Gallons in St. Louis

The full tabulated report of the 1938 Clean Up and Paint Up Campaign in the city of St. Louis, forwarded to the National Clean Up and Paint Up Campaign Bureau in Washington by the St. Louis Chamber of Commerce shows that the number of painting and decorating jobs in 1938 was 728,011, compared with 723,737 in 1937, and the volume of paint was 330,315 gallons, valued at $1,014,040.25.

Paint, Varnish, Lacquer Sales Off

The value of paint, varnish, lacquer and fillers sold in June, as reported by 680 establishments to the Bureau of Census, was $33,936,706. Details of sales reported by these establishments and comparative data for 1938 follow:—

		—Classified sales reported by 580 establishments—				Unclassified sales reported by 100 establishments.
			—Industrial sales—			
1938.	Total sales reported by 680 establishments.	Trade sales of paint, varnish, and lacquer.	Total.	Paint and varnish.	Lacquer.	
January	$22,115,195	$11,448,115	$8,282,661	$5,748,170	$2,534,491	$2,384,419
February	22,625,906	12,535,636	7,942,419	5,455,659	2,486,760	2,147,851
March	30,728,890	17,227,950	10,417,161	7,285,635	3,131,526	3,083,779
April	34,731,507	20,861,998	10,392,797	7,498,010	2,894,787	3,476,802
May	36,827,421	22,900,709	10,135,607	7,292,333	2,843,274	3,791,105
June	33,936,706	20,767,900	9,763,856	7,049,096	2,714,760	3,404,950
Totals (6 mos.)	$180,965,715	$105,742,308	$56,934,501	$40,328,903	$16,605,598	$18,288,906
1937—						
January to May	193,402,448	100,195,172	75,487,580	54,850,749	20,636,831	17,719,696
June	41,656,085	22,348,182	15,343,359	10,843,172	4,500,187	3,964,544
Totals (6 mos.)	$235,058,533	$122,543,354	$90,830,939	$65,693,921	$25,137,018	$21,684,240
July	36,004,636	18,502,323	14,186,572	9,863,920	4,422,652	3,315,741
August	35,305,043	18,521,006	13,517,878	9,230,886	4,286,992	3,266,159
September	34,489,882	18,166,243	12,993,944	9,023,194	3,970,750	3,329,695
October	32,791,845	16,256,222	13,447,493	8,761,135	4,686,358	3,088,130
November	26,105,315	12,790,654	10,889,719	7,169,000	3,720,719	2,424,942
December	19,348,567	9,088,658	8,293,742	5,653,369	2,640,373	1,966,167
Totals (year)	$419,103,821	$215,868,460	$164,160,287	$115,295,425	$48,864,862	$39,075,074

Frick-Reid Supply Corporation new refunding promissory notes, aggregating $4,500,000, have been guaranteed by the Jones & Laughlin Steel Corporation.

Carbon Black Pellets Patented by Cabot

OPD Washington Bureau
August 3, 1938

A patent covering the production of carbon black in pellet, or spherical granule, form has been obtained by Godfrey L. Cabot, Inc., Boston, as assignee of Edmund Billings and Harold H. Offutt. The patent is No. 2,120,541 and was issued June 14 on an application made November 16, 1932.

The patent comprises twenty-nine claims and is a continuation and extension in part of the subject matter of patent No. 1,957,314, granted May 1, 1934, to the same inventors. The claims elaborate the following description of the invention set out in the letters patent:—

This invention, as well as that of our said copending application [patent granted as No. 1, 957,314], rests upon the discovery that by subjecting carbon black particles in a dry state to multidirectional pressure, at the same time maintaining them in a state of turbulence, they are caused to agglomerate with each other and to associate together in a novel form, viz., the particles are built up systematically and progressively into spherical granules, relatively tenacious in structure, relatively noncoherent and nonadherent of surface and of an apparent density of more than 18 pounds per cubic-foot. The novel product thus produced possesses striking commercial advantages. In the first place, it is substantially dustless in that nearly all of its particles are agglomerated into granules of substantial size and density. In the second place, the density and the nonadherent character of the surface of the granules reduces the apparent viscosity of the mass and permits the carbon black to be conveyed through pipes by gravity or by streams of air, to be transported in tankcars, and to be stored in bulk. Besides being much more cleanly for the consumer to handle, the novel product when properly mixed with ingredients such as rubber disperses as completely and perfectly as commercial carbon black of forms heretofore known.

While the Billings-Offutt application was pending, an application by Inventor Price, owned by the J. M. Huber Corporation, covering a similarly purposed process was under consideration in the Patent Office and an interference arose. The claims originated in the Billings Offutt application were opposed by the Huber corporation in public use proceedings, its contention being that the claims were invalid because they described processes which had been in public use for more than two years. The Patent Office found for Godfrey L. Cabot, Inc., in these proceedings.

The interference, which had been suspended pending the determination of the public use issue, was not further contested and was dissolved.

Painters and Decorators Favor Time Selling Plans

Styling with paint and time selling plans as means to effectively increase sale of paint and painting jobs were endorsed by the executive board of the Painting and Decorating Contractors of America at the mid-Summer session held aboard the steamship South American on the Great Lakes, July 23 to 27. Final draft of a model license bill for contractors, as agreed upon by the association and the National Paint, Varnish and Lacquer Association, also was approved with the understanding that in the event a bill not conforming to the model is introduced in any State the points of difference will be the subject of conference between the two bodies. Plans of the merchandizing committee to foster better selling methods among contractors and of the vocational committee to intensify efforts to educate apprentices were adopted.

DuPont Makes West Toothbrushes

In an article on the new synthetic "bristle" developed by E. I. duPont de Nemours & Co., it was stated in the August 1 REPORTER that the entire output of these filaments was being used in "du Pont's own toothbrush manufacture." This statement was furnished by the duPont company. About the same time it was published to the trade that the Weco Products Company was using the duPont synthetic "bristle" in its Dr. West's toothbrush. The contradiction in these two statements is only apparent, not real. The duPont company's "own toothbrush manufacture" is confined to making the Dr. West's toothbrush; it makes no toothbrushes under its own name or under that of any other proprietor.

IMPORTANT TO YOU!

A QUICK REVIEW OF BARRETT TAR ACIDS

Barrett Tar Acids are produced to meet highest standards of quality, uniformity and dependability. Barrett's unmatched service is available to every customer. Phone, wire or write for quotations.

PHENOL

(*Natural*) *U. S. P. 40° C. Minimum Melting Point* is a pure white crystalline product generally used in the manufacture of Phenol-Formaldehyde Resins when extremely light color is necessary. Also used in the manufacture of chemicals and dyestuffs requiring material of highest purity.

39° C. M. M. Pt. Technical approximates the U. S. P. material in quality and is recommended for use when it is not necessary to adhere strictly to Pharmacopœia specifications.

82-84 per cent and 90-92 per cent Technical—grades which contain limited amounts of Ortho, Meta and Para Cresols.

CRESOLS

U. S. P. Barrett Cresol U. S. P. not only meets U. S. Pharmacopœia specifications but contains less than 9 per cent Phenol.

Meta-Para Cresol. Standard grades having boiling ranges of 3° C. and 5° C. with Meta Cresol content — 55 per cent and 52 per cent minimum respectively.

Ortho Cresol. Minimum Melting Point 30.4° C.

Meta Cresol. 70 per cent and 80 per cent, for chemical and synthetic resin manufacturers.

Para Cresol. 85 per cent and 98 per cent, for chemical, synthetic resin and pharmaceutical manufacturers.

Special Cresol Fractions, to meet users' specifications.

CRESYLIC ACID

Straw color and dark grades of various distillation ranges, depending on requirements. Special grades for synthetic resin manufacturers.

XYLENOLS

Boiling range 210-225° C. or narrower fractions, if desired. Also Meta Xylenol Crystals (symmetrical).

TAR ACID OILS

Carefully blended oils ranging in tar acid content from 10 per cent to 75 per cent.

THE TECHNICAL SERVICE BUREAU of The Barrett Company invites your consultation with its technically trained staff, without cost or obligation. Address The Technical Service Bureau, The Barrett Company, 40 Rector Street, New York.

THE BARRETT COMPANY
40 Rector Street, New York

THE BARRETT COMPANY, AMERICA'S LEADING MANUFACTURERS OF COAL-TAR PRODUCTS • ROOFINGS • TARVIA • CHEMICALS

Barrett CHEMICALS

Coaltar Chemicals

Intermediate and Colors Moderately Active—Benzol Firm—Phenol In Fair Demand—Toluol and Xylol Remain Steady —Cresylic Acid Quiet—Creosote Oil Dull

Business in the market for coaltar chemical was irregular throughout the period just ended. Seasonally low operations in the automotive, plastics, synthetic resin, rubber and lacquer trades continued to influence the consumption of the basic coaltar products. However, improvement in demand for certain intermediates and colors was reflected in the call for certain basic coaltar chemicals. Pricewise the market lacked a particular feature.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.9	125.9	125.9	127.2

Market news that may have developed after this report was sent to press will be found on page 4.

Intermediates and colors continued to display a moderate improvement, with the call for modest quantities being more frequent. Anilin shipments were moving at a fair pace. Anthraquinone was displaying a more active interest from dyestuff manufacturers. A better inquiry prevailed in the market for nitrotoluene. A steady to firm price tone prevailed in the market for coaltar acids, colors and other intermediates.

Benzol was fairly well absorbed and the market continued in a firm price position. Dyestuff manufacturers were showing more interest for carbazole. Creosote oil withdrawals by major consumers continued moderate. Cresylic acid remained quiet. Chemical processors displayed a fair interest for napthalene, but other consumers were content to mark time. A fair interest was uncovered in the market for phenol from the dyestuff and intermediate processors. Toluol and xylol showed an improvement in demand from the coatings trade, dyestuff and intermediate manufacturers.

Basic Products

Benzol.—Demand from chemical processors, lacquer, rubber trade and other consumers was sufficient to take care of the available quantities of benzol last week. The market continued in a firm position. Further moderate gains in steel output was expected to eventually be reflected in higher coking operations. Last week steel operations were scheduled at 39.8 percent of capacity, compared with 37 percent the previous week. A month ago operations were at 22.4 percent and a year ago at 85.5 percent. Improvement in steel operations will be largely dependent on automotive output over the next few months. June imports of benzol amounted to 49,129 gallons, valued at $5,896, all of which came from Mexico.

Carbazole.—A better inquiry was experienced in some directions, with the dyestuff and intermediates manufacturers displaying a more active interest. Prices ruled unchanged.

Creosote Oil.—Withdrawals by large consumers were along moderate lines throughout the past week. Prices offered no change from the previous period. June imports totaled 2,385,942 gallons, valued at $298,047 of which 1,100,000 gallons came from the Netherlands; 4,878 gallons from the United Kingdom; 18,311 gallons from Canada; 901,503 gallons from Japan, and 361,250 gallons from Kwantung.

Cresol.—A fair interest was displayed in some directions for moderate quantities. However, large consumers were limiting commitments to take care of nearby requirements. Quotations ruled unchanged.

Cresylic Acid.—The call for disinfectant purposes and the synthetic resin industry was held to modest quantities in the majority of instances last week. No change was disclosed in quotations. June imports amounted to 99,355 gallons, valued at $64,778, of which 51,312 gallons came from the Netherlands; 41,458 gallons from the United Kingdom and 6,585 gallons from Australia.

Naphthalene.—Business in the market for crude naphthalene was quiet. Chemical processors were displaying a fair interest at times, but other consumers were content to mark time before making substantial commitments. Quotations were unchanged. June imports aggregated 1,554,012 pounds, valued at $27,327, of which 110,000 pounds came from Belgium; 111,460 pounds from Czechoslovakia; 1,102,300 pounds from the Netherlands and 220,252 pounds from the United Kingdom.

Phenol.—A fair interest was uncovered in the market from dyestuff manufacturers and intermediate processors, while the call from the synthetic resin industry and plastic trade was held to moderate proportions in most instances. Little activity was reported in the export market. A steady to firm tone governed the dealings.

Pitch, Coaltar.—Not a great deal could be said about activity in this direction throughout the past week. No change was disclosed in the quotations. June imports were 5,589 barrels, valued at $15,298, of which 5,405 barrels came from Canada and 184 barrels from the United Kingdom.

Toluol. — Sellers could point to a slight improvement in demand from the coatings trade, dyestuff and intermediate manufacturers. However, seasonally low operations in the automotive field restricted business from this direction. Prices were without alteration.

Xylol.—A moderate movement of material to the lacquer trade was reported, while other consumers were showing only a routine interest in the market. Quotations ruled unchanged.

Chicago Coaltar Bases

Moderately good reports are current in the general coaltar materials market. Trade is said to be on a fairly active basis. Interest of buyers has been manifesting itself in a volume of inquiries and orders that has kept tone steady, notwithstanding some larger supplies as a result of steel mill operations increases. Benzol is in fair tone. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 23c.; 10-degree xylol, 28c.; solvent naphtha, 26c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic.—A fair volume of technical material was moving for the account of dyestuff manufacturers and intermediate processors. No change was reported in the price schedule.

Broenner's.—The market was concerned with small quantities in most instances. A steady to firm price tone prevailed throughout the past week.

Fumaric.—Usual consumers were making their appearance for moderate withdrawals to meet current production requirements. No change was disclosed in the quotations.

Maleic.—The call from the intermediate makers and the textile trade was steady last week. Quotations were well sustained at previous levels.

Sulphanilic.—A steady to firm tone prevailed throughout the period just closed. Business was reported as moderate, but orders made their appearance more frequently.

Other Intermediates

Alphanaphthylamine. — Sellers could point to a more active inquiry in this direction last week. Quotations were well sustained.

Anilin.—Shipments were moving out at a fair pace throughout the week under review. Quotations were in line with the preceding period.

Anthraquinone. — Dyestuff manufacturers were displaying a more active interest in the market. Quotations were without change from the previous week.

Betanaphthol.—Orders for moderate

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

quantities were noted. A steady to firm price tone remained in evidence.

Dimethylaniline.—Business was along fair lines again last week. Some consumers were making commitments on a broader scale. Prices ruled unchanged.

Dinitrobenzene.—A moderate amount of business was reported in the market throughout the week just closed. Quotations were well maintained.

Monochlorobenzene. — While larger scale buying was still absent, sellers could point to a fair size quantity of business for moderate amounts. Quotations were unaltered.

Nitrotoluene.—A better inquiry continued to prevail in the market last week. Prices were without alteration, and a steady to firm tone prevailed.

Orthonitrotoluene. — Quotations were steady to firm throughout the week just ended. Business was proceeding at a fair pace for modest quantities.

Phthalic, Anhydride. — Business was highly irregular, with some large consumers not disposed to order beyond nearby requirements. Prices were without change.

Toluidine. — Another routine week was experienced in this direction, consumers were making commitments to take care of nearby requirements. Prices ruled firm.

Coaltar Colors

Business in the market for coaltar colors was maintained at fair levels throughout the week just closed. Price-wise the market continued steady to firm. Imports of dyes into the Philippine Islands may be expected to increase in 1939 when a new textile plant to be built by a government subsidiary gets under way. A Japanese Company is also installing looms to manufacture cotton cloth in the Philippines. At present there is only one textile mill but there is a considerable production of hand-woven cotton cloth. Imports of anilin dyes in 1937 amounted to 18,824 kilos, of indigo 7,718 kilos and other dyes to the value of 129,588 pesos, according to the office of the American trade commissioner at Manila. June imports of coaltar colors, dyes and stains amounted to 198,324 pounds, valued at $198,324, of which 130,650 pounds came from Germany, and 47,726 pounds from Switzerland.

Gasoline Companies Apply Feld-Crawford Trade Act

Leading marketers of petroleum products in the New York metropolitan area have invoked the Feld-Crawford fair trade act to prevent resale of branded gasoline at less than a minimum retail prices. The move was initiated August 2 by Socony-Vacuum Oil Company, who commenced to sign contracts with a number of its dealers in New York, Kings, Bronx and Queens counties. According to Socony-Vacuum company, the application of the Feld-Crawford act to the company's branded gasolines has met with the general approval of its dealers in the four counties. The company further indicated that conditions in these gasoline markets are so chaotic as to jeopardize both the company's trademark goodwill and the interests of the consumer in the economic and efficient handling of branded gasolines. Socony regards the invoking of the act in the four counties as an experiment and has reached no decision as to whether it will seek to invoke it also for its branded gasolines in other areas.

Sun Oil Company, Shell Union Oil Corporation and the Tidewater Associated Oil Company indicated their intention to follow Socony's move. It is expected that minimum resale prices will fluctuate with market conditions and that changes in price will not necessitate issuance of new dealer contracts, but the marketers will merely notify the dealers of any change in the minimum price.

Eagle Picher Co. Releases Financial Report for Six Months

The Eagle-Picher Lead Company and subsidiaries reports for the six months ended June 30 a deficit of $590,776. This compared with a net profit of $637,139 in the corresponding period a year ago.

Joseph Hummel, jr., president, stated that the recent increase in prices, together with the better sentiment that now appears to prevail generally gives hope for an improved showing during the last half of the year.

These exclusive features of

J & L CXP BENZOL

increase your production, cut processing costs and assure you a better product

Here is a Benzol completely free of corrosive compounds—that will keep your stills running on a continuous maximum production basis—with fewer shut-downs for cleaning.

J & L CXP Benzol is made by an exclusive process giving it a high degree of purity that marks it as one of the outstanding chemical achievements of the day.

You are assured better distilling operations, lower operating costs and increased production by using J & L CXP Benzol—always uniform and always consistent.

J & L CXP Benzol has the following critical properties guaranteed — Freezing Point 5.30° C — Boiling Range, less than 1° C—Bromine Index 3.

Write us on your letterhead and we shall be glad to send you a free sample of J & L CXP Benzol.

J & L—ALWAYS MAKING FINER CARBON STEELS FOR NEW AND BETTER USES

JONES & LAUGHLIN STEEL CORPORATION

AMERICAN IRON AND STEEL WORKS

PITTSBURGH PENNSYLVANIA

MAKERS OF HIGH QUALITY IRON AND STEEL PRODUCTS SINCE 1850

See if Koppers makes it

KOPPERS CHEMICALS AND SOLVENTS

Benzol (all grades) . . . Toluol (Industrial and Nitration) . . . Xylol (10° and industrial) . . . Solvent Naphtha (including High Flash) . . . Phenol (82% and 90% Purity) . . . Cresol (U. S. P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid (Disinfectant Grades—98%, pale low-boiling. Insecticide Grades—98%, pale, high-boiling) . . . Naphthalene . . . Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

OTHER KOPPERS PRODUCTS

Tanks and Tank Work . . . Benzol Recovery Plants . . . Naphthalene Removal Apparatus . . . Phenol Removal Apparatus . . . By-Product Gas Plants . . . By-Product Recovery Apparatus . . . Sulfur Recovery Apparatus . . . Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous Base Paints . . . Coal . . . Coke . . . Fast's Self-aligning Couplings . . . Fire Hydrants . . . Piston Rings . . . Gas, Air and Water Valves . . . Pressure-treated Lumber

When gas systems are changed over from manufactured gas to natural gas, there is a tendency for joint and valve packings, meter leathers and other parts of the system to dry out. This leads to leaks and gas losses.

To overcome this condition, small quantities of oil fog or mist are released in the line. Some systems of doing this result in over-fogging or under-fogging. Western Gas Division of Koppers developed an oil fogger with an automatic ratio control which maintains the amount of oil fog to gas in exact proportions.

KOPPERS COMPANY

PITTSBURGH, PA.

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Six-hundred-fifth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Acetylglycol Salicylate

Pharmaceutical

Medicament (Brit. 456269) in—
Fatty ointments intended for percutaneous application claimed to be useful in the treatment of rheumatism

Benzenesulphonic Acid Betanaphthylamide

Dye

Starting point (Brit. 447646) in making—
Diazotizable organic selenium compounds

Di-N-butylamine Fluosilicate

Disinfectant

Disinfectant
Ingredient (Brit. 391141) of—
Disinfectant preparations in acqueous or powdered form

Insecticide

Insecticide
Ingredient (Brit. 391141) of—
Insecticidal preparations in aqueous or powdered form, diluted with spreading agents

Miscellaneous

Mothproofing agent
Ingredient (Brit. 391141) of—
Mothproofing compositions for use in treating furs, feathers, and the like

Textile

Mothproofing agent
Ingredient (Brit. 391141) of—
Mothproofing compositions for use in treating wool and felt

Wood

Wood preservative
Ingredient (Brit. 391141) of—
Compositions used for preserving wood

Diethyl Disulphide

Petroleum

Antioxidant and stabilizer (Brit. 462146) for—
Highly refined mineral oils
Lubricating oils which have been treated with sulphuric acid in the refining process
Viscous transformer oils

Ethyl Dichlorostearate

Lubricant

Addition agent (Brit. 459719 and 422956) in—
Hydrocarbon lubricating oils
As a lubricant (Brit. 459719 and 422956)

Gamma-4-secondary-butylcyclohexylbutyric Acid

Chemical

Wetting agent (Brit. 449865) in—
Emulsions of various chemicals
Textile lubricants

Cosmetic

Wetting agent (Brit. 449865) in various cosmetic preparations

Disinfectant

Wetting agent (Brit. 449865) in—
Disinfecting compositions
Germicidal compositions

Dye

Wetting agent (Brit. 449865)

Fats, Oils, and Waxes

Wetting agent (Brit. 449865) in—
Boring oils
Drilling oils
Greasing compositions
Lubricating compositions
Sulphonated oils
Wax preparations
Wire-drawing oils

Glue and Adhesives

Wetting agent (Brit. 449865) in—
Adhesive preparations

Ink

Wetting agent (Brit. 449865) in—
Printing inks Writing inks

Insecticide

Wetting agent (Brit. 449865) in—
Fungicidal compositions
Horticultural sprays
Insecticidal compositions

Leather

Wetting agent (Brit. 449865) in—
Dressing compositions
Fat-liquoring compositions
Finishing compositions
Soaking compositions
Softening compositions
Tanning compositions
Waterproofing compositions

Miscellaneous

Modifier (Brit. 449865) of—
Surface tension of liquids in various products and processes
Wetting agent (Brit. 449865) in—
Polishing compositions for furniture, automobiles, metals, wood
Various processes involving acqueous solutions, such as soaking, washing, impregnating, penetrating, wetting
Waterproofing compositions

Paint and Varnish

Wetting agent (Brit. 449865) in—
Lacquers Varnishes
Paints

Paper

Wetting agent (Brit. 449865) in—
Sizing compositions
Waterproofing compositions
Waxing compositions

Petroleum

Wetting agent (Brit. 449865) in—
Cutting oils
Mineral oil compositions
Pitch compositions
Tar compositions

Rubber

Wetting agent (Brit. 449865) in—
Cements

Soap

Wetting agent (Brit. 449865) in—
Detergent compositions
Textile soaps

Textile

Bleaching

Wetting agent (Brit. 449865) in—
Bleaching baths

Dyeing

Wetting agent (Brit. 449865) in—
Dye baths

Finishing

Wetting agent (Brit. 449865) in—
Coating compositions
Scouring compositions
Sizing compositions
Washing compositions
Waterproofing compositions
Waxing compositions

Manufacturing

Wetting agent (Brit. 449865) in—
Bowking baths
Carbonizing baths
Degreasing compositions
Degumming and boiling-off baths
Fulling baths
Kier-boiling baths
Mercerizing baths
Oiling compositions
Soaking baths
Spinning compositions

Printing

Wetting agent (Brit. 449865) in—
Printing pastes

2-N-Hexylidenecyclohexanone

Perfume

Odorant (Brit. 449211) in—
Synthetic perfumes

Isovalerylglycol Salicylate

Pharmaceutical

Medicament (Brit. 456269) in—
Fatty ointments intended for percutaneous application claimed useful in the treatment of rheumatism

Iron Phthalocyanin

Paint and Varnish

Pigment (Brit. 457786)

Paper

Starting point (Brit. 449805, 418367, and 410814) in making—
Printing pastes with the condensation product of formaldehyde and naphthalenesulphonic acid. (These pastes are said to color paper, cardboard, paperboard, and the like, equally on both sides, in brilliant shades of color.)

Margaric Acid Chloride

Chemical

Starting point (Brit. 453778) in making—
Emulsifying agents by sulphonating products of its reaction with benzene, toluene, xylene, diphenyl, phenanthrene, naphthalene, or tetrahydronaphthalene

Lubricant

Starting point (Brit. 453778) in making—
Lubricants with benzene, toluene, xylene, diphenyl, phenathrene, naphthalene, or tetrahydronaphthalene

Monofluoroundecanic Acid Methylsarcoside

Insecticide and Fungicide

Fungicide (Brit. 458179)
Insecticide (Brit. 458179)

Propylphenol

Fats and Oils

Rancidity inhibitor (Brit. 440364) for—
Fats and oils having an iodine number below 135

2-N-Propylthiolquinolin Ethiodide

Dye

Process material (Brit. 454687) in making—
Cyanin dyes

Sulphur

(*Continued from August 1 issue*)

Fertilizer

As a fertilizer
Ingredient of—
Fertilizer compositions
Starting point in making—
Sulphuric acid

Food

Starting point in producing bleaching gas for—
Food products Juices
Fruits

Insecticide and Fungicide

Exterminant
Fumigant
Fungicide
Insecticide
Parasiticide
Pesticide
Starting point in making—
Barium sulphide
Dusting agents
Lime-sulphur
Soda-sulphur
Vermicide

Leather

Bleaching agent
Deodorant
Disinfectant
Fumigant
Material in tanning
Preservative
Vermicide

Metallurgy

In flotation processes
Starting point in making—
Sulphuric acid for pickling

Miscellaneous

Bleaching agent
Deodorant
Disinfectant
Fumigant
Material for making—
Casts Moulds
Pesticide
Preservative
Treating agent for—
Animal drinking waters Rattan
Feathers Ships
Furs Sponges
Hair Stables
Hospitals Straw products
Kennels Warehouses
Outhouses Wicker products
Willow ware
Vermicide

Paint and Varnish

Process material in making—
Ultramarine

Paper

Starting point in making—
"Acid" in sulphite process

Petroleum

Starting point in making—
Sulphuric acid

Pharmaceutical

Bleaching agent
Deodorant
Disinfectant
Fumigant
Germicide
In compounding and dispensing practice
Vermicide

Photographic

Bleaching agent
Deodorant
Preservative
Reagent

Plastics

Filler in—
Plastics
Process material in making—
Plastics

Printing

Starting point in making—
Molds for electrotyping

Refrigeration

Starting point in making—
Refrigerant sulphur dioxide

Rubber

Process material in making—
Rubber substitutes
Vulcanizing agents
Vulcanizing agent

Sugar

Bleaching agent for—
Molasses Sugar
In making invert sugar

Textile

Bleaching agent for—
Felt Linen
Hemp Silk
Jute Wool
Stain-removing agent

Viniculture

Dusting agent for—
Vines

Water and Sanitation

Rodent exterminator in—
Municipal sewage systems

Wine

Fumigant for—
Cooperage

Paint, Varnish, Lacquer Materials

Trade Returns to Dullness—Casein Higher—Singapore Dammar Gums Off—Rosin and Turpentine Firm—June Paint Sales Were Lower

The July flurry of interest seemed spent completely by last week when the market for surface coating materials settled further into dullness. Price movements during the week included a boost in quotations for domestic casein and reductions in the replacement cost of all Singapore dammar gums. The price of Batavia A/D dammar also declined with the drop in Singapore resins. Domestic lead prices held steady and London also made a fairly good showing against the influences of the week's dip in currency exchange values.

The June record of sales of paint, varnish, lacquer and fillers was issued by the Bureau of Census and showed total sales of $33,936,706 by 680 establishments. This compared with $36,827,421 in May and $41,656,085 in June, 1937. The sales for the first half of 1938 totaled $180,965,715 against $235,058,533 in the same period of 1937. Lacquer sales for the second quarter of the year totaled 7,981,566 gallons with a value of $10,209,757 against 7,934,838 gallons valued at $9,860,662 in the year's first quarter. In the second quarter of 1937 the sales of lacquer totaled 13,066,499 gallons valued at $16,160,078.

Rosin and turpentine price movements were narrow last week, the prevailing tone in Southern and local markets being firm. Although receipts at primary points continued large, daily offerings remained small as the bulk of the rosin and turpentine arriving was moved into storage under the government loan. Transactions in the South as officially recorded were rather small but there were reports of fair sales of rosin on private terms.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Casein, dom., 1c. per lb.

Reduced

Gum, dammar, Batavia, A/D, ½c. per lb.
Singapore, No. 1, ⅝c. per lb.
No. 2, ⅜c. per lb.
No. 3, seeds, ½c. per lb.
chips, 1c. per lb.
dust, ¼c. per lb.
Rosin, gum, medium, 5c. to 30c. per 280 lbs.
Turpentine, gum, ¾c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.1	131.1	131.1	133.4

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

The domestic lead market continued unchanged through last week. Prices were 4.90c. to 4.95c. per pound at New York and 4.75c. per pound at East St. Louis. Sales were quiet good. Some of the producers were able to dispose of their daily intake more than once last week. Demands were fairly well divided among the several lines of consumption and most of the buying was reported to have been for August delivery. London prices made a fairly good showing against the influences of a drop in currency exchange values.

The world's production of lead in June totaled 152,968 tons against 157,472 tons in May, according to the American Bureau of Metal Statistics. United States production in June was 33,992 tons.

Zinc did not share in the activity reported for lead but the galvanizers were mildly active according to reports. The price situation was undisturbed at the basis of 4¾c. per pound, f.o.b. East St. Louis. World output in June totaled 131,809 tons against 143,103 tons in May, according to the American Bureau of Metal Statistics. United States production in June was 30,799 tons.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from July 30 to August 5, inclusive, were as follows:—

	Pigs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0490@.0495	$0.0475	.. .. ..
Monday	.0490@.0495	.0475	*.. .. ..
Tuesday	.0490@.0495	.0475	14 11 3
Wednesday	.0490@.0495	.0475	14 12 6
Thursday	.0490@.0495	.0475	14 10 0
Friday	.0490@.0495	.0475	14 7 6

* Holiday.

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from July 30 to August 5, inclusive, were as follows:—

	Slabs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0515	$0.0475	.. .. ..
Monday	.0515	.0475	*.. .. ..
Tuesday	.0515	.0475	13 17 6
Wednesday	.0515	.0475	13 17 6
Thursday	.0515	.0475	13 16 3
Friday	.0515	.0475	13 16 3

* Holiday.

Pigments

Opaque pigment materials drifted through the past week in very listless fashion. The mid-July activity seemed completely spent and the market has been settling down for the past two weeks. Inasmuch as the paint manufacturing trade is covered for the current quarter by contracts, most of which are lower-priced than the current market, there is no disposition to stock up materials in advance of the Fall bulge of demands for finished products. Sellers expected continued quiet this month but were uniformly optimistic over the prospects for the Fall.

White Lead. — The manufacturing buyers continued to take supplies against their contracts only as needed and their prompt needs were quite small. Buyers were in a comfortable position at present, having been able to cover for their needs over this quarter at prices that were lower than the current market.

Red Lead.—Metal prices in London seemed to be holding well against the dip in currency exchange values and the metal price here went without change last week. This derivative was held steady in sympathy with the metal. Battery makers purchases were light.

Litharge.—A fair call for supplies has been evidenced by the makers of arsenates and other insecticides but elsewhere the demands have been light. Metal prices have been without changes for the past few weeks.

Lithopone.—The sellers who operate plants in the Eastern seaboard area could not report any improvement in the sales volume. In fact, some reported a slower market than a week ago. Prices for all grades continued at schedule and were steady. The sales abroad in June totaled 238,335 pounds, of which 114,785 pounds went to Canada, according to the Department of Commerce.

Titanium Pigments.—A brief buying flurry followed the turn of the month but shortly afterward trade returned to a dull state. The price situation continued unchanged.

Zinc Oxides.—Some of the rubber products makers were reported to have bought a little more last week but the paint manufacturing industry has not evidenced any buying interest. The prices have been unchanged since the recent advance in the high lead strength leaded oxides, which had little immediate importance for the buyers because they were covered for at least the current quarter of the year at lower prices.

Fillers and Extenders

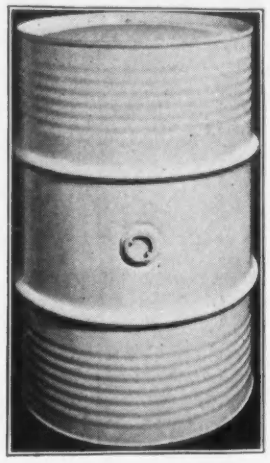
Inert pigments and filler products were spotty at best and most dealers and local jobbers reported a slow market. The sellers still say that the buy-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Finished in various colors of durable high gloss baking enamels.

Accurately comply in all respects with I.C.C. and other shipping specifications.

Designed for safety, dependability and serviceability.



Expanded and rerolled hoops.

Each drum carefully air tested and inspected before shipment.

Chimes designed to withstand rough handling and abuse.

MANION Steel Drums Are Superior From Every Standpoint — Particularly INTERIOR CLEANLINESS

Our years of experience in manufacturing steel drums for the chemical industry have enabled us to establish a reputation among discriminating drum users for dependable, trouble-free containers.

If your product is one that requires absolutely clean and odorless drum interiors you will find MANION drums superior for the following reasons:

Sheets used are special hot rolled, continuous mill sheets with tight protective oxide which positively will not flake or smudge and is not easily susceptible to rusting.

Special care used in manufacturing to guard against contamination from oil, grease, cutting compounds, scale or other objectionable matter.

Each drum carefully inspected inside and outside before shipment.

Your inquiries will receive our prompt attention.

MANION STEEL BARREL CO.
OIL CITY, PA.

The Chemist Says:
Glycerine + Talloil = Drying Oil

In view of rapidly advancing prices on oils, fats, etc., it will pay you to investigate INDUSOIL (refined Tall Oil.)

INDUSOIL
(Refined Tall Oil)
STANDARD SPECIFICATIONS

PHYSICAL DATA	
Specific Gravity 60°F/60°F	0.96-0.98
Viscosity—Saybolt Universal at 100°F—Seconds	300-400
at 210°F—Seconds	50- 70
Flash Point	350-380°F
Fire Point	410-430°F
Color—Lovibond using half column yellow—not more than	70
red—not more than	40
Moisture—Less than	0.1%
CHEMICAL DATA	
Acid Number	170-180
Saponification Number	170-185
Rosin Acids Number	60- 67
Ash—Less than	0.1%
ANALYSIS	
Fatty Acids	55- 60%
Rosin Acids (Calculated as Abletic)	34- 38%
Sterols—Higher alcohols, etc.	6- 10%

Samples, Specific Data, and Additional Information can be secured by writing

INDUSTRIAL CHEMICAL SALES
DIVISION WEST VIRGINIA PULP & PAPER COMPANY
230 Park Avenue - - - New York
CHICAGO 205 W. Wacker Drive
PHILADELPHIA 1322 Widener Bldg.
CLEVELAND 417 Schofield Bldg.

ers were keeping close to the market ready to cover if prices should show signs of advancing but there is very little business except in the takings against contracts.

Mica.—According to the dry grinders, trade has been very small. Paint and roofing materials manufacturers were ordering in small lots only when needed. Prices for amber and white grades continued unchanged.

Dry Colors

Earth and chemical colors continued in spotty to slow fashion last week. The mild buying spurt during July seems to have been dissipated completely. Contract withdrawals have been light and there is very little open order business these days. The sellers of carbon black reported a very limited improvement in the sale of black to the tire manufacturers but the demands are still quite far from a point of briskness.

Alkali Blue Toner.—There has been no recent movement in the price for this toner. The demands have been light and scattered.

Carbon Black.—There have been some improvements in the shipments to the tire shops but business is still described as being small. Specialty blacks for the paint and ink trades were moving in mild fashion also. There has been no change in the price situation and some of the observers of the market predict that the current price situation will remain until new contracts are written at the end of the year.

Chrome Colors.—The market holds quite steady for both yellows and greens. Metallic lead's current position against what it was six weeks ago insures the steadiness of the market. The demands against contracts have been light.

Iron Blues.—Prices continued in an unchanged position and the calls for deliveries against contracts were light.

Sienna.—Italian and American material held at a steady price basis. The purchases by the paint manufacturing trade continued light.

Varnish Gums

Replacement market prices for Singapore gums were reduced last week. All gradings of Singapore dammar gum were lowered in the movement. The price for A/D Batavia dammar gum was also reduced. Transactions with the primary markets were few. Spot trade and withdrawals against contracts were also small.

Copals.—The market passed the week without change in price. Reports from the primary markets indicated a steady price condition abroad. Purchasing continued light.

Dammars.—The price for Batavia A/D gum was reduced to ½c. per pound to the basis of 16⅛c. per pound. In the Singapore group prices were lowered as follows:—No. 1, 16⅜c. per pound, off ⅝c.; No. 2, 10⅞c. per pound, off ⅜c.; No. 3, 5c. per pound, off ½c.; seeds, 7¾c. per pound, off ½c. per pound; chips, 10⅝c. per pound, off 1c. per pound; and dust, 5c. per pound, off ¼c. per pound. These prices are for carload amounts and are subject to the usual differentials for smaller quantities.

Synthetic Resins

Prices for ester gum held unchanged at the long-standing basis of 6¾c. per pound for large-sized lots. Sellers described the price situation as being steady at this time. The calls for deliveries against contracts were still rather light.

Naval Stores

A steady or firm tone prevailed in Southern and local markets for rosin and turpentine last week. The tendency of prices was upward at times but changes were generally narrow. According to some reports transactions in rosin were again on a fairly liberal scale in primary centers. Sales as officially reported were generally small but a fair volume of business was re-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

LAMP CARBON BONE **BLACKS** LAKE VINE OXIDE
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

Lacquer and Varnish Gums
Thurston & Braidich, Importers, 286 Spring Street, New York

Headquarters for **ROSIN OIL**
WRITE FOR OUR "PINE TREE PRODUCTS" BOOKLET
NATIONAL ROSIN OIL AND SIZE COMPANY
R. K. O. Building, Rockefeller Center, New York, N. Y.
Offices: 3001 West 47th Street, Chicago, Ill. Factory: Savannah, Ga.

No. 12 Can or Tube FILLER
For Filling Colors in Oil or Japan. Adjustable to any capacity up to 1 quart.
Write for quotations
ARTHUR COLTON CO.
2624 East Jefferson Avenue
DETROIT :: MICHIGAN

FOR A PURE **White**
Ask for FREE samples
USE LEWISOL No. 2L SYNTHETIC RESIN
JOHN D. LEWIS
INCORPORATED
PROVIDENCE, R. I.
Mfrs. of Lewisols and Imperial Ester Gum
Manufacturers of Synthetic Resins
STOCKS CARRIED AT MAJOR SHIPPING POINTS

Shawnee
DRY COLORS
"Color Content Guaranteed"
Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Lake Colors
Ultramarine Blue
KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents In Principal Cities
Distillers of Coal Tar Products

"SUCO"
Ultramarine Blues
Alkali Blue Toners
Methyl Violet Toners
Blanc Fixe
STANDARD ULTRAMARINE COMPANY
HUNTINGTON, W. VA.

THE BRADLEY STENCIL MACHINE

MACHINES TO CUT ½ in., ¾ in., 1¼ in., 1½ in. LETTERS
CUTS PAPER SHIPPING STENCILS
A. J. Bradley Mfg. Co.
101 Beekman Street New York

Prevent Losses
From Skinning and Gelling
GUAI-A-PHENE

Inexpensive, easy to use, positive—GUAI-A-PHENE prevents skinning, gelling and oxidation losses in paints, varnishes and other oxidizable products, raw or finished.

GUAI-A-PHENE mixes readily, does not increase viscosity or give false body. May be added at any temperature up to 180 degrees. Neutral to driers.

Use GUAI-A-PHENE to improve your products. Quantities needed are so small that costs are not affected.

For samples and further information write:

E. W. COLLEDGE
General Sales Agent, Inc.
CHICAGO
310 S. Michigan Ave.
CLEVELAND
616 Guardian Bldg.
NEW YORK 300 Madison Ave.
SAN FRANCISCO 503 Market Street

mineral pigments
NATURAL AND SYNTHETIC
PURE CHROMIUM OXIDES
are
STRONG - INERT - PERMANENT
C. K. WILLIAMS & COMPANY
EASTON·PENNSYLVANIA

ported to have been closed on private terms, paper and soap makers being credited with the bulk of the purchases. A fair export inquiry was also reported though actual takings for foreign account were apparently limited to unimportant quantities. New business in turpentine was quiet but there were reports of a fair movement of tankcars to domestic consumers on contracts. Consumption of turpentine recently is said to have increased as a result of more favorable weather for construction and painting.

Weather conditions over much of the South were favorable for production and marketing operations. Rains were reported at some points early in the week but the precipitation was too light to interfere with operations in the woods and the movement from the interior to the seaboard continued large. Daily offerings of rosin and turpentine in the primary markets, however, remained light, the bulk of the material received being moved into storage under the government loan. At the opening of August less than a million dollars of the government funds remained available for loans but the belief existed in some quarters that an official announcement of an increase in the loan would be forthcoming before the funds originally granted were used up.

Turpentine.—Changes in primary quotations were narrow and the market here had a firm undertone although business continued along the same rather narrow lines noted in recent preceding weeks, many consumers and dealers still being disinclined to provide for future needs. Consumption is said to have increased recently as a result of expanding activity in construction and painting but business here was still generally of the same narrow character noted for some time past. Receipts in primary centers continued liberal but daily offerings were light.

SAVANNAH, Aug. 5.—The turpentine market was firm though quiet. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	23	85	485	873	43,641
Tuesday	23¼	132	567	5,130	39,078
Wednesday	23	...	912	639	39,351
Thursday	22¾	...	467	122	39,696
Friday	22¾	...	475	...	40,153

* Market closed.

JACKSONVILLE, Aug. 5.—Turpentine continued to rule firm. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	23	17	566	...	30,026
Tuesday	23¼	15	290	1	30,315
Wednesday	23	7	278	...	30,593
Thursday	23	...	351	...	30,924
Friday	23	23	349	...	31,273

* Market closed.

PENSACOLA, July 30.—Turpentine was quiet and steady. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Monday	161	...	29,738
Tuesday	370	100	30,008
Wednesday	78	...	30,086
Thursday	121	...	30,207
Friday	74	...	30,281
Saturday	350	...	30,631

CHICAGO, Aug. 5.—Turpentine market is quiet. View of the trade as to the outlook seems little changed. Ruling prices:—Five-drum lots, 30c. per gallon; five wood barrels, 35c.; single drums, 33c.; single barrels, 38c.

LONDON, Aug. 5.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
*Saturday	..	..
*Monday	..	..
Tuesday	32	0
Wednesday	32	0
Thursday	32	0
Friday	32	0

* Holidays.

Stocks of American turpentine in London were:—

	Aug. 5.	Previous week.	Last year.
Barrels	28,203	27,828	12,210

Rosin.—No broadening of business was noticeable in the local market last week. There were reports of a fair inquiry from soapers and paper makers as well as dealers, but purchases were apparently limited to comparatively small quantities as a rule, buyers still being disinclined to anticipate. A steady or firm tone prevailed in Southern markets, where daily offerings were light, although receipts continued large. Supplies in the three principal markets in the South at the opening of the current month were much larger than a year ago.

SAVANNAH, Aug. 5.—Changes in rosin quotations were narrow, the tone of the market being steady. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.50	$3.50	$3.50	$3.50	$3.50
D	...	3.85	3.85	3.85	3.85	3.85
E	...	4.25	4.25	4.25	4.25	4.25
F	...	4.70	4.70	4.70	4.70	4.70
G	...	4.70	4.80	4.80	4.75	4.70
H	...	4.70	4.80	4.80	4.75	4.70
I	...	4.70	4.82½	4.80	4.75	4.70
K	...	4.75	4.85	4.80	4.77½	4.70
M	...	4.75	4.90	4.85	4.80	4.70
N	...	5.45	5.60	5.60	5.50	5.45
WG	...	5.80	5.80	5.80	5.70	5.65
WW	...	6.30	6.40	6.35	6.40	6.35
X	...	6.40	6.40	6.40	6.40	6.40

	Barrels				
Sales	363	353	306	201	427
Receipts	1,841	3,205	1,673	1,790	2,265
Shipments	379	3,022	3,227	100	...
Stocks	194,803	194,986	193,432	195,122	197,387

* Market closed.

JACKSONVILLE, Aug. 5.—The rosin market was quiet with the undertone firm. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.40	$3.40	$3.40	$3.40	$3.45
D	...	3.85	3.85	3.85	3.85	3.85
E	...	4.25	4.25	4.25	4.25	4.25
F	...	4.70	4.80	4.80	4.70	4.57½
G	...	4.72½	4.80	4.80	4.75	4.62½
H	...	4.72½	4.80	4.80	4.75	4.62½
I	...	4.75	4.82½	4.80	4.75	4.62½
K	...	4.75	4.85	4.80	4.77½	4.62½
M	...	4.80	4.90	4.85	4.80	4.62½
N	...	5.55	5.60	5.60	5.50	4.55
WG	...	5.85	5.85	5.85	5.70	5.70
WW	...	6.30	6.40	6.40	6.40	6.40
X	...	6.40	6.40	6.40	6.40	6.40

	Barrels				
Sales	306	50	38	...	102
Receipts	2,058	1,619	1,397	1,433	1,277
Shipments	229	25	3,589	3,980	...
Stocks	162,703	164,297	162,114	159,657	160,934

* Market closed.

PENSACOLA, July 30.—The rosin market was quiet. Receipts continued large. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	469	1,230	348	505	291	1,173
Shipments	46	450	90	...	...	...
Stocks	41,488	42,268	42,526	43,031	43,322	44,495

CHICAGO, Aug. 5.—The rosin market has been a little irregular. Buying has been quite moderate. Ruling prices:—B grade, $6.50 per lot of 280 pounds; G

ORGANIC AND INORGANIC
PIGMENT
COLORS
IMPERIAL
PAPER AND COLOR CORPORATION
PIGMENT COLOR DIVISION
GLENS FALLS, NEW YORK

Branch Offices and Warehouse Stocks:
PHILADELPHIA—BALTIMORE—CINCINNATI—ST. LOUIS
NEW YORK — DETROIT — DALLAS — SAN FRANCISCO
PITTSBURGH — CHICAGO — LOUISVILLE — TORONTO
BOSTON — LOS ANGELES — SEATTLE — CLEVELAND

THE LARGEST MANUFACTURERS OF CHEMICAL PIGMENT COLORS IN AMERICA

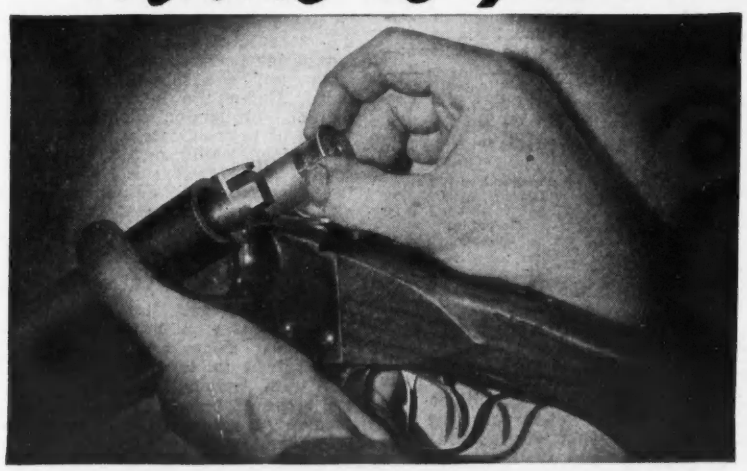
INTENSO
for lacquers

YEARS ago INTENSO was the leading carbon black for medium-priced lacquers and enamel finishes. Today it is still the premier black for this purpose.

IMPERIAL
OIL & GAS PRODUCTS CO.
LABORATORY CONTROL UNIFORM QUALITY
GRANT BUILDING PITTSBURGH, PA.

Write for samples and prices

Made to Fit—



Metallic Soaps for Your Specific
VARNISH REQUIREMENTS

● Get the best varnish flatting qualities by using Metasap Metallic Soaps especially developed to meet your *specific* varnish requirements. Our laboratories are prepared to offer you authoritative information to eliminate any possibility of guess work in the selection of metallic soap formulæ.

This information is available without cost or obligation. Write today for details.

METASAP CHEMICAL COMPANY
PALMITATES
STEARATES
of ALUMINUM, CALCIUM, LEAD, ZINC

HARRISON, N. J. BOSTON SAN FRANCISCO CHICAGO CEDARTOWN, GA.

grade, $7.60; M grade, $7.65; W. W. grade, $9.30.

LONDON, Aug. 5.—Quotations on American rosin were as follows:—

	Per cwt. in barrels—Common.		W.W.	
	s.	d.	s.	d.
*Saturday	..	..	..	..
*Monday	..	..	..	..
Tuesday	13	7½	18	0
Wednesday	13	7½	18	0
Thursday	13	7½	18	0
Friday	13	7½	18	0

* Holidays.

Pine Oil.—The market retained a steady tone. There was a fair movement into local and other consuming channels, consumers generally being disposed to adhere to a conservative course in making purchases.

Pitch.—Business lacked snap but there were reports of a somewhat better inquiry for moderate quantities from consumers who were in need of fresh supplies. The market retained a steady tone.

Rosin Oil.—Local spot prices were generally held at previous levels in the absence of any material change in the position of basic material in primary centers. There was a fair demand for prompt shipment.

Tar.—Selling schedules were maintained at previous levels, the tone of the market being steady. There was a fairly active inquiry, the movement for the week apparently being up to that of recent preceding periods.

Shellac

Reports concerning business in the local shellac market carried few intimations of any improvement in trade. Things were very quiet—was the usual expression. Manufacturing consumers apparently had sufficient stocks for their present needs and as concerned those of the more distant future, they were inclined to let the future take care of itself. Buy as needed, seemed to be the usual philosophy of purchase and that naturally kept volume down to conservative limits on the spot. London eased slightly during the period under review, while Calcutta hung very steady and without change.

Calcutta, Aug. 5.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	Per pound— Aug. 5.	July 29.
August	11c.	11c.

Day-to-day prices were as follows:—

	Per pound.
July 29	11c.
July 30	No cables
August 1	11c.
August 2	11c.
August 3	11c.
August 4	11c.
August 5	11c.

London, Aug. 5.—Prices quoted on London standard T. N. shellac, basis of sterling exchange at $4.88, were as follows:—

	August 5— Shillings. Cwt.	Cents. lb.	July 29— Shillings. Cwt.	Cents. lb.
August..	38½	8.4	39¼	8.5
October..	39½	82.6	40¼	8.7

Day-to-day closing prices were as follows:—

	Per hundredweight— August.	October.
July 29	39s 3d	40s 3d
July 30	No cables	
August 1	Holiday	
August 2	39s ..	40s ..
August 3	39s ..	40s ..
August 4	38s 3d	39s 3d
August 5	38s 3d	39s 3d

Lacquer Materials

Business in the market for lacquer materials and solvents showed little change from the quiet conditions prevailing in the market for the past several weeks. Low activity in the automotive, plastic and synthetic resin industries continued to affect movement of materials. However, prospects of betterment in the automotive industry in the near future was expected to be immediately reflected in better demand, because inventories in most consuming industries were reported at low levels. Pricewise the market lacked any particular feature.

Acetone. — With major consumers limiting commitments to take care of nearby requirements, the market moved through another routine period last week. Quotations were without alteration. June exports totaled 469,057 pounds, valued at $26,395, of which 155,840 pounds went to Belgium; 5,728 pounds to Denmark; 17,116 pounds to Finland; 8,640 pounds to Lithuania; 22,320 pounds to the Netherlands; 26,495 pounds to Norway; 6,650 pounds to Sweden; 29,544 pounds to the United Kingdom; 54,066 pounds to Canada; 13,300 pounds to Mexico; 8,750 pounds to Argentina; 5,596 pounds to Chile; 2,460 pounds to Colombia; 2,160 pounds to British India; 2,100 pounds to China; 3,700 pounds to Netherlands Indies; 3,580 pounds to Philippine Islands; 95,760 pounds to Australia, and 3,610 pounds to the Union of South Africa.

Butyl Acetate. — Not a great deal could be said about the activity in the market last week. Usual consumers were still following a cautious purchasing policy. Prices were unchanged. June exports totaled 365,786 pounds, valued at $34,141, of which 49,140 pounds went to Belgium; 8,970 pounds to Germany; 8,970 pounds to Netherlands; 10,090 pounds to Sweden; 32,080 pounds to the United Kingdom; 21,841 pounds to Canada; 3,900 pounds to China; 12,030 pounds to Hongkong; 209,356 pounds to Australia, and 3,900 pounds to New Zealand.

Pyroxylin Scrap. — There was little new to report in the market last week. Business continued to move at a slow pace. Prices were without alteration. June exports of pyroxylin sheets, rods and tubes amounted to 42,413 pounds, valued at $32,010, of which 14,397 pounds went to the United Kingdom, and 22,334 pounds to Canada.

Driers

The supplies of stearates and palmitates and other metallic soaps could not point to much of a change in the market's position. Prices have been free from competitive influences and most of the consumers are under contract for the current quarter of the year.

Glues and Binders

Casein.—Domestic producers increased prices 1c. per pound last week to the basis of 9c. per pound for car lots of 20-30 mesh and 9½c. per pound for similar quantities of 80-100 mesh, both delivered. The Argentine article has been offered here at 12c. per pound, c.i.f. but there is no interest at that price.

Glues.—The advance in hide glue prices that was expected to take place on the first of August failed to materialize. There was no change in bone glue prices on the first of the month. The bone glue market is a little stronger than it was a few weeks back, however, and as reported previously one of the renderers had raised prices fractionally during July. There was not much business in the market last week.

Monopoly Probe Aims Primarily at Prices

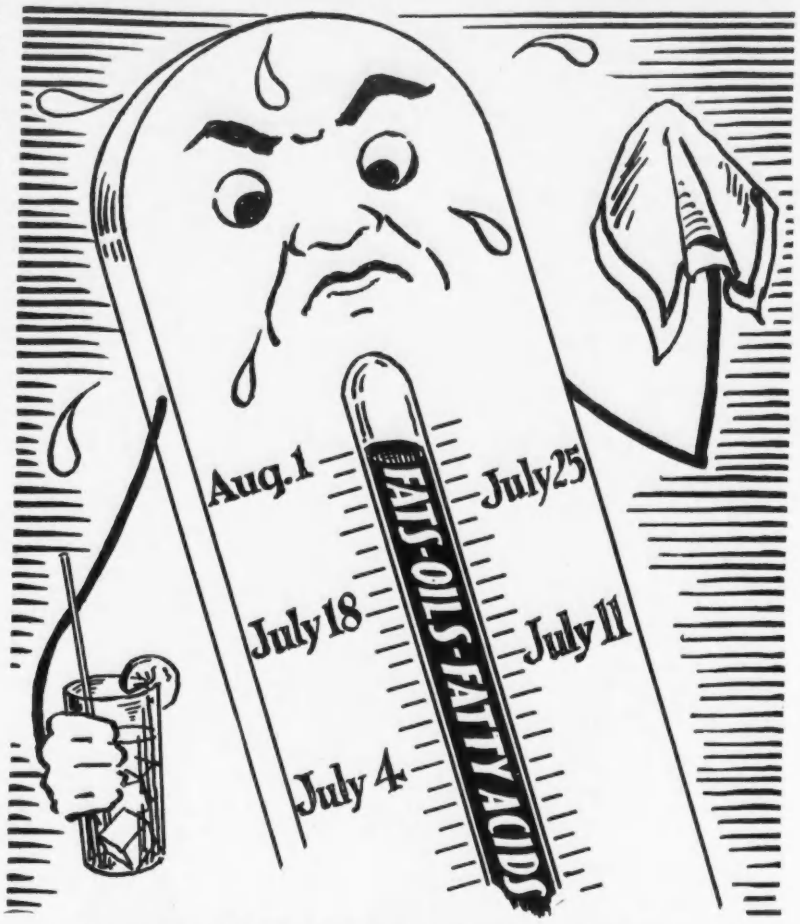
—Continued from page 5

spokesmen, and has been described as one of the major causes of business cycles. It is argued that, when prices do not decline when demand falls off, the price level soon exceeds available purchasing power, and employment declines, and a business depression follows. Under the laws of free competition, production would be maintained at approximately the same rate but prices would decline commensurately with lower purchasing power, it is argued. The administration has also criticized increases in prices in anticipation of increased demand, describing this as killing an incipient recovery.

Because of the frequent recurrence of such arguments, it is apparent that the committee will attempt to discover all devices and trade practices which tend to make prices inflexible. The term, "monopoly," will be used in the sense of including all artificial influences on prices, whether or not consciously or voluntarily used by a small group in an industry to stifle competition.

Among the practices which will be studied from this angle will be resale price-maintenance, open price filing, basing-point system of pricing, identical bidding, division of territory among competitors, interlocking directorates, financial controls of corporations, intercorporation investments, holding companies, trade association activities, producer control of marketing facilities, patent licensing, contracting on the basis of prices to be posted or quoted by a third agency, and even the practice of following the price lead of a major company within an industry.

Remedies to be proposed may be many and diverse, but some members of the administration are known to take the view that a monopolistic danger exists where a single company, or a group of companies working together, is able to set prices for an industry by any means, even by the accident of being the only important producer, and that either the industry should be broken up into small units which will be forced to compete or else the government should take a hand in price policies.



If you are becoming apprehensive over the rise in the prices of fats and fatty acids, why not investigate the possibility of using Tall Oil.

INDUSOIL (refined Tall Oil) and LIQRO (crude Tall Oil) are inexpensive pine fatty acids produced in large quantities at our plants in Charleston, S. C., and Covington, Va., assuring you a constant supply that will not fluctuate in price.

INDUSOIL (Refined Tall Oil)
STANDARD SPECIFICATIONS

A blend of refined pine fatty acids with the following standard specifications:

PHYSICAL DATA
Specific Gravity 60°F/60°F 0.96-0.98
Viscosity—Saybolt Universal at 100°F—Seconds. 300-400
at 210°F—Seconds. 50- 70
Flash Point ..... 350-380°F
Fire Point ..... 410-430°F
Color—Lovibond using half column yellow — not more than 70
red—not more than 40
Moisture—Less than. 0.1%

CHEMICAL DATA
Acid Number 170-180
Saponification Number 170-185
Rosin Acids Number 60- 67
Ash—Less than 0.1%

ANALYSIS
Fatty Acids 55- 60%
Rosin Acids (Calculated as Abietic) 34- 38%
Sterols—Higher alcohols, etc. 6- 10%

LIQRO (Crude Tall Oil)
STANDARD SPECIFICATIONS

A blend of crude pine fatty acids with the following standard specifications:

PHYSICAL DATA
Specific Gravity 60°F/60°F .0.96-0.98
Fire Point.....Not over 45°F
Viscosity — Saybolt Universal at 100°F— Seconds 800-900
at 210°F— Seconds 110-130
Flash Point ...350-370°F
Fire Point ....410-430°F
Color .....Brown
Moisture—Less than 0.2%

CHEMICAL DATA
Acid Number ..150-160
Saponification Number
Rosin Acids ...160-170
Number ... 76- 82
Iodine Number (WIJS) 150-180
Ash—Less than 0.3%

ANALYSIS
Fatty Acids
Rosin Acids ... 45- 55%
(Calculated as Abietic)
Sterols—Higher alcohols, etc. 6- 10%

Samples, Specific Data, and Additional Information can be secured by writing

INDUSTRIAL CHEMICAL SALES
DIVISION WEST VIRGINIA PULP & PAPER COMPANY
230 Park Avenue - - - New York
CHICAGO 205 W. Wacker Drive
PHILADELPHIA 1322 Widener Bldg.
CLEVELAND 417 Schofield Bldg.

Oils, Fats, and Waxes

Sales of Tallow at a Decline—Cotton Crop Estimates Increased and Oil Prices Lower—Lard Futures in Downward Trend—Linseed Oil Shaded—Coconut Oil Reduced—Trade Quieter

Quotations on miscellaneous oils, fats and greases had a downward trend last week, various commodities of more or less importance being available at concessions. The easier tone was apparently traceable mainly to a downward drift in the markets for cottonseed oil and lard futures, action of these products making consumers of many other oils and fats disposed to curtail purchases or held aloof pending further developments. The setback in cotton-seed oil futures was attributed mainly to increased estimates of the cotton crop, while a depressing factor in the market for lard was an increase in the movement of hogs to market and a further gain in lard stocks in Chicago during July, which compared with a heavy decrease in the same month last year.

Chinawood oil was quieter, buyers being inclined to hold off after the recent sharp advance, but offerings remained light, and the markets here and on the Coast retained a firm tone. A further advance occurred in perilla oil. Coconut and teaseed oils were reduced slightly. Tallow offerings were somewhat freer, and the market was easier, sales being reported at a small decline. Greases were also easier. Cash lard had a downward trend at times in the local market, the easier situation here being a reflection of developments in futures in the West, where hog receipts were larger than expected. Small price changes in the lower grades of lard and neatsfoot oils were made by producers. Crude and refined fish oils were firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Lard oil, No. 1, No. 2, ¼c. per lb.
Neatsfoot oil, extra, No. 1, ¼c. per lb.
Perilla oil, ¼c. per lb.
Stearin, oleo, ¼c. per lb.

Reduced

Babassu oil, ¼c. per lb.
Coconut oil, crude, ¼c. per lb.
Cottonseed oil, crude, ½c. per lb.
Grease, ¼c. per lb.
Lard, 40c. to 50c. per 100 lbs.
Lard oil, extra, ¼c. per lb.
Linseed oil, 2-10c. per lb.
Tallow, ½c. per lb.
Teaseed oil, ½c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
109.2	**110.4**	**105.5**	**134.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood.—Quieter conditions prevailed in domestic markets last week but the tone here and on the Pacific Coast was generally firm. The tendency of the market abroad was upward at times although changes were narrower than in recent preceding weeks. Offerings for shipment were light, however, and there was still not a little uncertainty in domestic selling quarters concerning future supplies. On the other hand many buyers were inclined to hold off and await further developments after the rather sharp advance within a comparatively short time. Reports were current here of transactions at as high as 14½c. per pound on spot in tankcars, although this figure was shaded later in the week. According to a radiogram to the Commerce Department's Chemical Division exports to the United States from Hong Kong during June were 5,804,000 pounds. The radiogram, dated July 23, stated that fair quantities were continuing to arrive from South and Central China. According to growers of domestic tung trees, the Gulf States will produce close to 20,000,000 pounds of tung nuts during the current year which estimates indicate should yield 4,000,000 pounds of oil. Consumption in this country during the June quarter was 22,022,774 pounds; factory and warehouse stocks at close of June 54,705,883 pounds.

Coconut.—An easier tone developed in the local market for crude oil in the absence of any improvement in demand, activity during the week apparently being confined to the movement of supplies on unfilled contracts. Quotations were reduced ⅛c. per pound. Refined oil met with a fair demand and the market was steady. Domestic production of crude coconut oil during the quarter ended with June was 70,477,228 pounds; consumption 150,793,411 pounds; factory and warehouse stocks at close of June 194,144,730 pounds. Refined oil production 79,790,263 pounds; consumption 72,942,599 pounds; stocks 13,492,586 pounds.

SAN FRANCISCO, Aug. 2.—Crude coconut oil is quoted on the basis of 2⅞c. to 3c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills for delivery in nearby and forward positions. Business was reported fairly active at times on a 3-cent level. Copra sold off moderately last week, the price level touching a point of 1.80c. per pound, c.i.f. Pacific Coast ports during the period. Trading was not particularly active, but still remained more or less spotty. Buyers, who realize that stocks are fairly plentiful in producing sources, were only taking on commitments for replacement against sales of oil.

Corn.—A firm tone continued to prevail. There was a fair inquiry. Offerings of crude oil remained light. Domestic production of crude oil during the June quarter was 30,453,087 pounds; consumption 31,495,360 pounds; factory and warehouse stocks at close of June 8,782,573 pounds. Refined oil production 28,408,890 pounds; consumption 16,012,334 pounds; stocks 8,832,769 pounds. Importations of corn oil during June quarter 5,276,328 pounds.

Cottonseed.—Edible oil was in fair request and the market was firm at the recent advance. Importations of refined oil during June quarter 26,188,998 pounds.

Oiticica.—The market remained firm in company with chinawood oil. Quotations were advanced ½c., the figures still being largely nominal. Importations during the June quarter were 1,053,091 pounds.

Olive.—A fair demand was noted for moderate quantities and the market retained a firm tone. Importations of edible oil during the June quarter were 18,172,965 pounds; sulphured 5,825,032 pounds; other inedible 934,025 pounds. Consumption of foots during the June quarter 3,760,386 pounds; factory and warehouse stocks at close of June 7,047,978 pounds.

Peanut.—A steady tone prevailed in southern markets. Offerings continued light. Domestic production of virgin and crude oil during the June quarter was 31,444,029 pounds; consumption 27,064,277 pounds; factory and warehouse stocks at close of June 6,179,818 pounds; refined production 26,015,477 pounds; consumption 15,077,396 pounds; stocks 27,752,235 pounds.

Perilla.—The market was firmer, spot quotations being advanced about ¼c. by some sellers. Trade was quiet. Importations during the June quarter were 7,150,431 pounds; consumption 8,215,869 pounds; factory and warehouse stocks at close of June 20,419,116 pounds.

Rapeseed.—Demand was quiet but offerings were light and the market retained a steady tone. Importations during the June quarter were 142,028 pounds; consumption 1,076,556 pounds; factory and warehouse stocks at close of June 2,997,202 pounds.

Soybean.—Selling schedules were generally maintained at previous levels but the tone of the market appeared to be easier in the absence of any improvement in demand. Domestic production of crude oil during the June quarter 63,462,531 pounds; consumption 55,907,423 pounds; factory and warehouse stocks at close of June 52,123,096 pounds. Refined oil production 49,025,761 pounds; consumption 42,319,859 pounds; stocks 24,435,164 pounds.

Markets at Other Centers

San Francisco, Aug. 2.—Most vegetable oils were quiet and more or less nominal. Foreign offerings of cottonseed were still too far out of line in this market to be workable. Only high acid content tea oil was available, from which buyers were shying.

BABASSU.—Quoted on the basis of 6c. per pound in tankcars, f.o.b. mills, Pacific Coast.

COTTONSEED.—Foreign suppliers are unable to offer in this market in competition with domestic oil.

PERILLA.—Quoted on the basis of 10c. per pound in tankcars, prompt or deferred shipment, f.o.b. San Francisco.

RAPESEED.—Refined and denatured oil quoted on the basis of 6c. per pound in tankcars, f.o.b. Pacific Coast ports for shipment out of the Orient. Quoted at 6¼c. per pound on the spot.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

FALKOVAR 400
A sufficiently light oil to use as a base for clear, pure tints. Color lighter than 18 on Gardner-Holdt scale. Moderate cost.
Write for Data Sheet
FALK & CO.
PITTSBURGH, PA.

• OILS •
CHINA WOOD OIL
PERILLA OIL
SARDINE OIL
SPOT FUTURE
L. N. JACKSON & CO., Inc.
29 Broadway New York, N.Y.

STEARIC ACID
Single Pressed and Double Pressed
Now available in either cake or flake form
Triple Pressed
IVORY BRAND

RED OIL
(OLEIC ACID)
RUBY OLEINE BRAND *{distilled}*
STAR BRAND *{saponified}*
CANARY BRAND
(very pale yellow, especially suitable for best types of dry cleaners' soaps.)
PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
205 E. 42nd St., New York City
Branches and stocks in all large cities

CHINA WOOD OIL
WAH CHANG TRADING CORPORATION
SPOT Woolworth Building New York, N. Y. FUTURE

A. GROSS & CO.
We Specialize in WHITE OLEINE
Since 1837 Manufacturers of Saponified and Distilled
FLAKE STEARIC ACID STEARIC ACID RED OIL
FATTY ACID GLYCERINE
STEARIC and BEESWAX CANDLES CHURCH ACCESSORIES
Sales Office: 122 East 42nd Street New York
Factories: Newark, N. J., and Baltimore, Md.

ASK WECOLINE *before You Buy*
WHITE DISTILLED
FATTY ACIDS
• COCONUT • CORN
• SOY BEAN • LINSEED
• WHITE OLEIN • LAURIC
• SPECIALTY FATTY ACIDS
Factory: Boonton, N. J.
Sales Offices - - New York City and Chicago
WECOLINE PRODUCTS INC.

W.C. HARDESTY CO., Inc.
41 East 42nd Street New York
RED OIL STEARIC ACID
Saponified - Distilled
HYDROGENATED FATTY ACIDS (HYDREX)
FATTY ACIDS
Cottonseed Oil Coconut Oil Palm Oil
Corn Oil Lauric Specialty
Glycerine - Pitch - White Oleine
FACTORIES: Dover, Ohio Los Angeles, Calif. - Toronto, Canada
CALIFORNIA OFFICE: 5636 East 61st Street, Los Angeles
Cable Address "EPILOGUE"

Chicago, Aug. 5.—Buying of vegetable oils is not overly large at the moment, and the market seems less active than was the case some weeks earlier. However, the price structure is holding its own without much difficulty.

COCONUT.—Coast basis, tanks, August-forward, 3c. to 3¼c. per pound. Refined, edible oil, 9¼c. to 9½c. per pound, barrels, car lots; and 9½c. to 10c., barrels, less than car lots.

CORN.—Crude, low acid, 8c. to 8¼c. per pound, partly nominal. Refined, edible oil, 10c. to 10¼c. per pound, barrels, car lots; and 10¼c. to 10½c., barrels, less than car lots.

CHINAWOOD.—Ruling nominal, 15.8c. to 9c. per pound, prompt; and 14.7c. to 14.8c., deferred.

PEANUT.—Crude, 7⅞c. to 8c. per pound.

SOYBEAN.—Crude, mills, 5⅞c. to 6c. per pound.

The market for soybeans on the Chicago Board of Trade had a fairly steady undertone. Aside from this the market lacked features of interest. Commission houses had few orders and local traders were disposed to curtail operations pending further developments in the crop situation and in the markets for other agricultural products. Cash trade was slow. On the other hand offerings were generally light during the week. Following is a price record, per bushel, for the week:—

			Closing	
	High.	Low.	Aug. 5.	July 29.
Cash, No. 3...	$0.90	$0.90	....	....
October	.83¾	.82¾	$0.83⅛	$0.83½
December ...	.83¾	.82½	.83	.83⅝

London, July 26.—Soybean oil, crude, 24s. per cwt.; rapeseed, crude, 31s. 6d.; palm kernel, refined, English, 24s. 9d.; peanut, Bombay, 22s. 6d.; sardine, Japanese, 15s. 3d.; whale, crude, Rotterdam, 14s.

Linseed Oil

Fluctuations in flaxseed quotations were generally moderate. Linseed oil easier. Cake and meal steady.

Flaxseed—DULUTH, Aug. 5.—Harvesting of ax has begun in Southern Minnesota and South Dakota, but it will be some weeks before cutting will start in the northern part of Minnesota and in North Dakota. The crop looks good, reports have it, and the only real danger is grasshoppers, which will affect the last part of the crop to some extent. The first part is looked upon as pretty well out of danger although the hoppers are now numerous. Some leaf rust in Southern and Southwestern Minnesota threatens, but it is believed the crop is well along. Recent weather has been perfect for the development of the fields, temperatures being moderate with fairly general and scattered rains in Montana, the Dakotas and Minnesota.

The week's closing price range was as follows:—

	Cash.	Sept.	Oct.
Saturday	$1.75	$1.75	$1.76
Monday	1.75½	1.73¾	1.74¾
Tuesday	1.75	1.73	1.74
Wednesday	1.75½	1.73½	1.74½
Thursday	1.75½	1.74	1.74½
Friday	1.76	1.74	1.75

Crop movement in bushels follows:—

	Receipts		Shipments	
	1938.	1937.	1938.	1937.
This week..	5,747	3,805	....	18,631

MINNEAPOLIS, Aug. 5.—With just a few small carloads of old flax coming to terminals the season is about over and there is nothing interesting attached to the cash market. New flax is expected on the market sometime next week, though there is a possibility that some will arive sooner as they have been cutting in south central Minnesota territory for several days. A sample of very fine flax came from Bird Island, Minn., today that showed well filled bolls and prospects of a good yield.

A lot of flax has been purchased to arrive, mostly in small lots ranging from 100 to 500 bushels. Farmers show a tendency to market at current prices because all other grain values are low and money will be needed for harvest expenses.

The only complaints received came from the Red River Valley of North Dakota, where grasshoppers are doing some damage to late sown fields.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$1.79	$1.75	$1.75½
Monday	1.77½	1.73½	1.74¾
Tuesday	1.77	1.73	1.74
Wednesday	1.77½	1.73½	1.74½
Thursday	1.77½	1.73½	1.75
Friday	1.78	1.74	1.75

Crop movement in bushels as follows:—

	Receipts		Shipments	
	1938.	1937.	1938.	1937.
This week..	5,680	18,000	1,520	7,520
Since Sept. 1...	3,935,740	4,644,550	869,510	507,400

WINNIPEG, Aug. 5.—The flaxseed market was quiet with moderate changes in prices. The week's closing price range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.42	$1.42¼	$1.43
Monday	...	...	...
Tuesday	1.43	1.42	1.43
Wednesday	1.43	1.42	1.43
Thursday	...	1.42⅝	1.43⅝
Friday	1.41⅝	1.42⅜	...

BUENOS AIRES, Aug. 5.—Opening prices per bushel on August contracts were:—

	Last week.	Last year.
Saturday	$1.20⅛	$1.35¼
Monday	1.20⅛	1.35¼
Tuesday	1.19⅞	1.34⅝
Wednesday	1.18⅞	1.36⅛
Thursday	1.18¾	1.34½
Friday	1.18⅞	1.34¼

Exports

	Bushels		
To—	Last week.	Previous week.	Last year.
United States.....	228,000	244,000	291,000
United Kingdom..	20,000	.....	.....
Continent	421,000	276,000	335,000
Orders	346,000	31,000	165,000
Others	16,000	31,000	.....
Totals	1,031,000	582,000	791,000

Since January 1

	Bushels	
To—	This year.	Last year.
United States.....	7,408,000	18,291,000
United Kingdom.....	1,106,000	488,000
Continent	15,692,000	14,287,000
Orders	6,735,000	13,344,000
Others	1,407,000	3,977,000
Totals	32,348,000	50,387,000

Visible Supply

	Bushels.
Last week.....	5,118,000
Previous week.....	5,512,000
Last year.....	6,299,000

INDIA.—Exports of flaxseed from India last week were as follows:—

	Bushels		
To—	Last week.	Previous week.	Last year.
United Kingdom..	408,000	124,000	20,000
Continent	.....	4,000	28,000
Others	.....	12,000	188,000
Totals	408,000	140,000	236,000

	Bushels	
Since April 1—	This year.	Last year.
United Kingdom.....	4,708,000	2,916,000
Continent	228,000	152,000
Others	72,000	316,000
Totals	5,008,000	3,384,000

HULL, Aug. 5.—Quotations on flaxseed were:—

	Per ton	
	La Plata.	Bombay.
*Saturday	..	..
*Monday	..	..
Tuesday	£11⅝	£12⅝
Wednesday	11⅝	12¾
Thursday	11⅝	12¾
Friday	11⅝	12¾

* Holiday.

Linseed Oil.—An easier tone developed in the local market for linseed oil, as competition among crushers was keener. Selling schedules were reduced 2-10c., making 8c. per pound the prevailing quotation for oil in tankcars. It was possible to shade this figure, however, by about 2 points. Business showed some increase, buyers in the paint and linoleum industries manifesting greater interest in the market.

An increase was reported in some quarters in withdrawals on contracts, consumption having expanded following better weather conditions for construction and painting. Stocks in the hands of crushers were said to be steadily diminishing as production remains at an unusually low level.

Cutting of flaxseed was in progress in some parts of the Northwest and favorable reports were received concerning the size and quality of the crop. Receipts of old crop seed were small and cash premiums were maintained. Flaxseed futures were more active, mainly as a result of hedging operations.

Receipts of flaxseed at New York last week were 315,865 bushels.

MINNEAPOLIS, Aug. 5.—Trade in linseed oil is quieter this week and moderate for this time of the year. A few tankcar lots are being taken for nearby shipment but mostly the business is in cooperage, car lots. There seems to be no particular reason for the slowing down except weakness in grains and bearish government bulletins on grain production. Crushers are only operating about 5 percent of capacity and will not increase the number of rolls until new flax begins to come in freely.

Quotations on carload lots, f.o.b. Minneapolis, tankcar lots, 8c. per pound; cooperage car lots, 8.6c. per pound, and warehouse lots, 9c. per pound. A reduction in price was quoted Monday and this stirred up some business.

Shipments of oil in pounds were as follows:—

	1938.	1937.
This week.....	1,916,734	1,187,916
Since Sept. 1.....	62,552,515	71,996,357

SAN FRANCISCO, Aug. 2.—With the posted tankcar level at 8.1c. per pound, linseed oil sellers indicated they would accept an even 8-cent figure on bids, but buyers were slow in making known their wants. There was some activity on drums, however. Deliveries against old contracts are good. Quoted:—Tankcars, 8.1c. per pound; drum car lots, ex mill, 8.7c.; drum lots, ex warehouse, 9.1c.

CHICAGO, Aug. 5.—Some additional easing has occurred in the linseed oil market. Buyers for the most part seem to have been content to hold off and not commit themselves too heavily. Ruling prices are:—Tankcar, 8c. per pound; car lots, 8.6c.; less than car lots, 9c.

LONDON, Aug. 5.—Quotations on linseed oil were:—

	Per cwt. s.	d.
*Saturday	..	..
*Monday	..	..
Tuesday	23	3
Wednesday	23	0
Thursday	22	10½
Friday	22	10½

* Holiday.

Cake and Meal.—A steady tone prevailed in the local market, spot quotations being maintained at previous levels. Domestic business in meal was quiet. There was a fair export movement of cake.

MINNEAPOLIS, Aug. 5.—Demand for meal is very limited and so is the supply so there is little in the way of business to report on. Crushers are turning out a very small supply and need most of it to fill contracts. Quotations on carload lots, f.o.b. Minneapolis, 100-pound sacks, $41 to $41.50 per ton.

Shipments of meal in pounds were as follows:—

	1938.	1937.
This week.....	1,707,745	2,432,838
Since Sept. 1.....	121,129,972	110,293,429

CHICAGO, Aug. 5.—Linseed meal is quite steady and the price structure is little changed. Feeders have shown some interest. Resellers' offerings have been moderate. Ruling prices are:—Round lots, $41.50 per ton, largely nominal; car lots, $41.50 to $42; less than car lots, $43 to $43.50.

Cottonseed Oil

The market here for refined cottonseed oil futures was quiet with the trend of prices mainly downward. Southern markets inactive.

Cottonseed Oil.—The trend of refined oil futures was mainly downward in the local market last week, although there was more or less irregularity at times. On the whole there was more disposition to sell than there was to buy, however, sentiment being influenced largely by increased estimates of the cotton crop. One published estimate of the yield put it at 11,800,000 bales, an increase of nearly 2,000,000 bales within a month. This report put the condition of the crop at 73.1 percent as compared with 70.4 percent a month earlier. Other estimates from private sources pointed to rather important increases in the cotton production as compared with earlier figures. The monthly government crop estimate will be issued today.

These estimates led to selling for both long and short account, in which commission houses, local operators and trade interests participated. On declines there was buying by commission houses and trade interests as well as shorts, but the support was not of a very aggressive character. Southern markets for crude oil were easier, sales being reported at ⅛c. to ¼c. below the prices quoted late in the previous week. Miscellaneous oils, fats and greases were easier, quotations on various products, coconut oil and tallow included, being shaded. Developments in political affairs abroad were of a more or less disturbing character, while weakness in the market here for securities, lard and other speculative commodities was not without some effect on sentiment in cottonseed oil trade circles.

Receipts of hogs were larger than expected, with the weight of the hogs heavy. The weight of the hogs received in Chicago during the week ended July 29 average 285 pounds, against 282 pounds in the previous week and 273 pounds in the same week last year. Stocks of lard in Chicago increased 2,331,773 pounds during July, as compared with a decrease of 10,302,268 pounds in the same month last year. Supplies in that market at the close of July were 74,512,375 pounds, against 105,469,003 pounds a year ago. A fair export inquiry was reported for lard. Exports from Atlantic and Gulf ports during the period from August 1 last to July 30 this year were 125,451,926 pounds, against 80,842,652 pounds in the corresponding period last season.

Complaints of weevil activity were received from parts of the cotton belt, where showers were received. Some sections were said to be getting too much moisture and others too little. The weekly government report stated that in general the week was rather unfavorable because of too much rain in most of the central and eastern portions of the belt, but favorable, on the whole, in the West.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from July 30 to August 5, inclusive, comprised 697 contracts, a total of 41,820,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
January	8.60	8.41	8.48@8.49
March	8.67	8.46	8.52 sale
September	8.75	8.50	8.52@8.54
October	8.61	8.42	8.48@8.50
December	8.65	8.39	8.47 sale

Crude, Southeast, 7.25c. nom.

Chicago, Aug. 5.—Cottonseed oil buying is reported moderate. Prices have been holding their own. Good, off-Summer, yellow fig oil is 8¾c. per pound. Refined, edible oil is 10c. to 10¼c. per pound, barrels, car lots; and 10½c. to 10¾c., barrels, less than car lots.

Hull, Aug. 5.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
*Saturday	..	..	..	..
*Monday	..	..	..	..
Tuesday	22	6	19	6
Wednesday	22	6	19	6
Thursday	22	6	19	6
Friday	22	6	19	6

* Holidays.

Cake and Meal.—A steady tone prevailed in Southern markets so far as spot material was concerned. There were reports of a fair inquiry for meal from domestic buyers. Offerings remained light.

Markets at Other Centers

Atlanta, Aug. 3.—Cottonseed products are firm and tending upward under one of the most adverse climatic conditions that has been experienced in several years. Rains continue and boll weevil infestation is reported exceedingly heavy especially in the lower cotton belt but getting worse rapidly in the upper belt. The state entomologist of Georgia reports as high as 83 percent boll weevil infestation in South Georgia.

Prime crude oil is offered at 7½c. a pound and cottonseed meal of 8 percent grade, at $25 per ton, interior mill points.

Memphis, Aug. 5.—Crude cottonseed oil was quiet during the week, only a few sales being reported at 7¼c. per pound, Valley basis. A few tanks are still available but sellers are generally disposed to await further developments before offering. No sales of new crop oil in this section. Lateness of the crop is becoming more apparent. Some mills in Northern Mississippi state it looks now as if they will not be running until about September 15 compared with late August last season. Cottonseed meal recently declined about $1 per ton and is now steady at the decline. Domestic demand somewhat better. Prime 41 percent meal quoted today at $23.50 per ton. Bulk Valley cake, 41 percent, $20.50 per ton for prompt shipment. Weather still showery and insect complaints continue. Poisoning operations being extended. Some sales of new crop bulk cottonseed hulls made recently at $2.50 per 100 pounds at Valley mill points.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	July 28.	August 5.
August	$23.25@23.50	$22.50@23.25
September	23.40@23.55	22.50@——
October	23.50@23.65	22.50@22.75
December	23.90@——	22.80@23.25

Fatty Acids

Castor Oil.—A steady tone continued to prevail in the market for this fatty acid. Business lacked snap but there was a fair inquiry for moderate quantities from makers of synthetic resins, shampoos and cosmetics, the movement into consuming channels apparently being up to that of recent preceding weeks.

Coconut Oil.—Quotations were generally maintained at previous levels, the tone of the market being steady. There were reports of a fair movement into consuming channels in the soap, rubber and cosmetic industries although buyers were not disposed to provide to any important extent for future needs.

Cottonseed Oil.—Basic material had a downward trend at times but the market for cottonseed oil fatty acid retained a steady tone. New business was apparently quieter last week but there was a fair movement into local and outside consuming channels on contracts.

Palm Oil.—This fatty acid remained in a steady position in the absence of any change of consequence in basic material. There was a fair movement to makers of soaps and textile compounds.

Red Oil.—A somewhat better inquiry

THE BRODÉ CORPORATION, MEMPHIS TENNESSEE
COTTON SEED MEAL, CAKE, HULLS, HULL BRAN, CRUDE AND REFINED COTTON SEED OIL, PEANUT AND SOYA BEAN PRODUCTS
Codes: Yoppa, Robinsons, Bentleys, A. B. C. 5th Edition

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

was noted from makers of textile soaps and other consumers. Domestic production during the quarter ended with June was 7,162,457 pounds; consumption 5,755,174 pounds; factory and warehouse stocks at close of June 9,969,098 pounds.

Stearic Acid.—Raw material was slightly lower but the market for stearic acid retained a steady tone. There was a fair movement into local and outside consuming channels. Domestic production during the June quarter was 6,227,872 pounds; consumption 2,689,252 pounds; factory and warehouse stocks at close of June 3,760,731 pounds. Importations during the June quarter were 22,706 pounds; exports 26,718 pounds.

Tall Oil.—Selling schedules were maintained at the levels in effect for some time past. There was a steady movement to makers of chemical and oil products as well as textile soaps on unfilled contracts and transient orders.

Markets at Other Centers

Chicago, Aug. 5.—Fatty acids have been quiet and generally steady.

FATTY ACIDS.—Corn oil, double distilled, 8c. to 8¼c. per pound, tankcar; 8½c. to 8¾c., barrels, car lots; 9c. to 9¼c., barrels, less than car lots; coconut oil, acidulated, 8½c. to 8¾c. per pound, tankcar, mostly nominal; 9c. to 9¼c., barrels, car lots; 9½c. to 9¾c., barrels, less than car lots; cottonseed oil, double distilled, 7½c. to 7¾c., tankcar; 8c. to 8¼c., barrels, car lots; 8½c. to 8¾c., barrels, less than car lots; settled cottonseed soap stock, 65 percent basis, 4c. to 4⅛c.; boiled down soap stock, 65 percent basis, 3c. to 3⅛c.; cottonseed foots, 50 percent basis, 1⅜c. to 1½c.

STEARIC ACID.—Distilled, single press, 10½c. to 11½c. per pound; double press, 11c. to 12c.; triple press, 13¾c. to 14¾c.; saponified, ¼c. higher.

Fish Oils

Cod.—Primary markets were steady at recently prevailing levels with offerings reported as light. Sales of Norwegian oil for shipment recently are said to have been large. According to official statistics imports of cod oil during the quarter ended with June were 6,422,708 pounds.

Menhaden.—There were no further developments in the way of price changes in refined oil, the market being steady at the recent advance. Consumers were not disposed to purchase ahead to any important extent but there was a fair movement to local and other buyers on contracts and transient orders. Crude was reported as firm in the primary market at the recent advance.

Sardine.—Refined oil was steady, quotations being held at recently advanced levels. There was a fair demand though business lacked snap. Crude was reported as firm on the Coast with offerings light.

Whale.—The market for refined oil retained a steady tone, quotations being maintained at previous levels. Importations of whale oil during the June quarter were 3,190,380 pounds.

Markets at Other Centers

San Francisco, Aug. 2.—California sardine operators made a last minute settlement in fish tonnage prices with fleet owners last week and when the opening date of the season set in yesterday in Northern California it marked the first time in years when boats actually put out on the initial day and returned with fish. A light catch featured the fishermen's first efforts.

Meantime, marketing operations were active in the Northwest, although quiet in California. Further quantities of Alaska herring oil and Washington pilchard were reported as moving into contract on the basis of 30c. per gallon in tankcars, Pacific Coast, with large interests representing the buying side of the picture. Producers in Washington, Oregon and California are paying $11 per ton on raw fish, a compromise figure agreed on after months of negotiation. Fishermen last year received $13 per ton. Plant operators, because of lower prices expected this year, had offered $9 this season. The $11 level was considered a fair compromise.

Actual opening day operations in Northern California came as somewhat of a surprise, in view of the deadlock existing for some time. Certainly it was a procedure without precedent during the past several years, when August 1 has only meant a date when boat owners and reduction operators were in the middle of an embroilment over pay rates. So far in this particular area, only Monterey Bay is being worked. San Francisco plants are going to await the turning up of more fish before starting. However, in Oregon and Washington good catches are being brought in and the plants are active.

Reports state that herring fishing off Alaskan shores is not consistent. It is reported as good in the southwestern portion of the territory, while poor in the southeast.

Baltimore, Aug. 3.—Menhaden fishing down the Chesapeake Bay and outside of the Virginia capes continues spotty, the hauls being quite good some days and very small on others. The production of oil has been in accordance with this unevenness, with the result that the fishing companies show no real eagerness to take on additional orders for supplies. According to some reports small lots of oil are being booked, but according to others no further sales have been made since the previous week, when a round lot was contracted for at 30c. a gallon. It is stated that additional contracts could be obtained at that level, but that there is a complete absence of offerings, since the fishing companies are not certain that they will be able to take care of the orders already on the books and hesitate to take on any more, even though perhaps a further advance might tempt them to take a chance, with the proviso of delivery only when and if made. The fishing continues along the coast up North and some fair hauls are being made. The quotations on refined oil stand at 53c. to 55c. per gallon for light pressed, with 55c. to 57c. per gallon for light bleached and 57c. to 59c. per gallon for yellow bleached stocks.

Fats and Greases

Grease.—The market had an easier tone, quotations being shaded ⅛c. There was a fair inquiry for moderate quantities. According to official statistics, domestic production of all kinds except wool grease during the quarter ended with June was 79,156,677 pounds; consumption, 46,902,368 pounds; factory and warehouse stocks at close of June, 60,858,834 pounds.

Lard.—Cash prices had a downward trend at times in company with futures in Chicago where traders were more disposed to sell on larger receipts of hogs than had been expected. Stocks of lard in Chicago increased 2,331,773 pounds during July against a decrease of 10,302,268 pounds in the same time last year.

Stearin.—The market was firmer, quotations being advanced ⅛c. by some sellers. There was a fair inquiry. Domestic production of edible and inedible animal stearin during the June quarter was 13,863,657 pounds; consumption, 13,355,411 pounds; factory and warehouse stocks at close of June, 6,893,729 pounds.

Tallow.—An easier tone developed. Large consumers were disposed to hold off after recent development and offerings were somewhat freer. Sales were reported at 5½c. per pound for extra, showing a decline of ⅛c. as compared with the last previous transactions. Domestic production of inedible tallow during the June quarter, 130,700,728 pounds; consumption, 182,198,010 pounds; factory and warehouse stocks at close of June, 237,004,389 pounds. Production of edible tallow, 24,056,996 pounds; consumption, 20,526,594 pounds; stocks, 9,038,857 pounds.

Trading in tallow futures on the New York Produce Exchange from July 30 to August 5, inclusive, comprised 7 contracts, a total of 420,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
September	5.53	5.53	5.32@5.46
October	5.55	5.55	5.41@5.55
November	5.75	5.75	5.50 nom
December	5.80	5.80	5.55@5.70

—*Continued on page* 56

James Lovatelli, of James Lovatelli & Co., cottonseed oil broker, this city, has been appointed by the Board of Directors of the National Cottonseed Products Association as chairman of the New York arbitration committee and one of the members of the appeals committee.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Elastoil Fish Scale Sketches

For Waterproof and Weatherproof Coatings

use Elastoils

SARDINE OIL
MENHADEN OIL
PERILLA OIL
SOYA BEAN OIL
WALNUT OIL
CHINA WOOD OIL
OITICICA OIL
RAPESEED OIL
SPERM OIL
WHALE OIL
NEATSFOOT OIL

These weatherproof refined and processed sardine oils dry to such waterproof and elastic films that they find their way into a wide range of industries. Sun-resistant to a remarkable degree, ELASTOILS are used with particular success in paints for application in the South where films must stand exposure to the direct rays of the sun.

In addition to paints, manufacturers of linoleum, shade cloth, printing ink, tarpaulins, fishermen's oilskins, and other products have found ELASTOILS' water and weather resisting powers of great value in their formulations.

Our Technical Service Department will be glad to help you select an ELASTOIL PRODUCT that is practically "tailor-made" to your need. May we hear from you ?

REFINERS AND PROCESSORS
IMPORTERS, EXPORTERS AND MANUFACTURERS

Murray Oil Products Company
Main Office and Plant—**Margaret and Pearce Streets, Philadelphia, Pa.**

Industrial Oil Products Corporation
Office and Plant—**5641-47 South Riverside Drive, Los Angeles, Cal.**

A Guaranty of MERCK *Purity & Reliability*

MAGNESIUM

MERCK

TRISILICATE

A Superior Antacid and Adsorbent of Distinctive Properties

Prolonged Antacid Action • Greater Adsorptive Power* • Fine Mesh

Suitable for Tablets, Emulsions, or Powders

***Many times as active for methylene blue as is colloidal kaolin.**

LITERATURE ON REQUEST

MERCK & CO. Inc. *Manufacturing Chemists* **RAHWAY, N. J.**

New York: 161 Sixth Avenue • Philadelphia: 916 Parrish Street • St. Louis: 4528 S. Broadway

In Canada: Merck & Co. Ltd., Montreal and Toronto

Drugs, Fine Chemicals

Bismuth Subcarbonate and Subnitrate in Sharp Price Advances, But Metal Is Unchanged—Aloin Higher on Raw Material Situation—Corn Syrup Down

The drug and fine chemical market was steady and apparently well stabilized during the past week. While demand was not expansive nor generally satisfactory, it was maintained at a volume approximating that in recent periods and the showing made was assisted by the very fair call for articles that are seasonal at this time—articles such as acetylsalicylic and salicylic acids, tannic acid, bismuth subcarbonate and subnitrate, phenobarbital, potash bromide and iodide, quinine sulphate and bisulphate, and soda bromide.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Aloin, 10c. per lb.
Bismuth subcarbonate, 20c. per lb.
subnitrate, 15c. per lb.

Reduced

Corn syrup, 5c. per 100 lbs.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
182.0	**182.0**	**182.3**	**181.5**

Market news that may have developed after this report was sent to press will be found on page 4.

The price features of the week were the exceptionally sharp advance in quotations on bismuth subcarbonate and subnitrate, the moderate but expected rise in aloin prices, and the decline in the corn syrup schedule.

The advance in the two major bismuth salts had been long overdue. Competition for months had kept selling prices far too low; some have said they were below the profit making level. No change was made in the price on bismuth metal and hence the higher quotations on the salts was an improvement directly to be attributed to a recession of competition.

With the crop of raw material about 50 percent of normal, aloin price had been rising for a considerable period of time. Within a year, they have risen 70c. per pound. Hence, the continued advance came as no surprise. Prospects favored a large crop of corn this year and declines in grain prices were productive of lower levels on corn syrup.

Quicksilver seemed slightly steadier though the market lacked activity and the position of metal on the Pacific Coast seemed to favor manufacturing consumers substantially. Mercurials lacked change. Alcohol moved conventionally and the trade looked forward to the time when sellers of antifreeze material begin to cover requirements.

The Federal government has been authorized to buy up to 30,000,000 pounds of milk powder as a measure expected to relieve producers of surplus supplies. The buying may extend over the present fiscal year.

Acid, Citric.—Business was fair but some said it was not up to the volume that extremely hot weather throughout the country should have brought. There was a steady movement into consumption, albiet individual quantities called for were of conservative size. Prices were steady. The Patent Office has granted a new patent covering manufacture of this acid by a new application of the fermentation principle.

Acid, Tartaric.—Fair but not substantially expanded demand was reported. Conditions so far as the beverage trade have been favorable but distributors' stocks seemed to have been meeting demands very well. The market continued to be very firm in price.

Alcohol.—New business was moderate in volume and while immediate expansion was not indicated, there was a feeling that arrival of Fall will bring with it an increased requirement for alcohol in all forms. The next period of truly large selling will be that in which sellers of antifreeze alcohol will cover some of their Winter requirements. The market on completely denatured alcohol at this time is 4c. per gallon lower than it was a year ago and is far more attractive to buyers than it is productive of profits to the producers. Stocks were ample to cover any reasonable increase in demands from buyers.

Aloe.—The market was as strong as ever and all signs, conditions and reports indicated that there would be no weakening of the price structure for some time to come. Evidence of this situation was the further advance in aloin prices last week.

Aloin.—Quotations were advanced 10c. to the minimum basis of $2.40 per pound. This development came fairly early in the week and was proof of the fact that production costs are still rising because of the fact that the available stocks of raw material are priced highly at the source, as well as being far under normal.

Bismuth Metal and Salts.—Manufacturers of subcarbonate and subnitrate advanced their quotations last week. Subcarbonate in drums ranged $1.33 to $1.36 per pound; bottles or cans, $1.42 to $1.68. Subnitrate in drums was quoted $1.18 to $1.20; bottles, or cans, $1.27 to $1.53. This was a market improvement restricted solely to salts. It was one, also, long over due because of the unprofitable levels that competition had kept in force for months. No change was made in the price on bismuth metal.

Cadmium.—One large producer of this metal indicated that the price of $1.20 per pound was nominal. In London, the market was about 3s. per pound, but practically no foreign metal has come into this country for some time. While the market was nominal, and although demand was not very brisk, still it was said that the article was not being pushed on the market at the moment.

Castor Oil.—Routine trading was reported in a market little if any more active than it had been during the Summer thus far. Prices held without quotable change and seemed to be reasonably steady.

CHICAGO, Aug. 4.—Although there are reports of somewhat reticent market interest arising from non-medicinal quarters, castor oil is reported to be steady. Purchases are along rather cautious lines. Ruling prices are:—No. 1, barrels, car lots, 10⅛c. per pound; barrels, less than car lots, 10⅞c.; returnable drums, car lots, 9⅞c.; drums, less than car lots, 10⅝c.; tanks, 9⅞c.; No. 3, barrels, car lots, 9⅝c.; barrels, less than car lots, 10⅜c.; returnable drums, car lots, 9⅜c.; less than car lots, 10⅛c.; tanks, 9⅞c.

Chloral Hydrate.—Price stabilization was unchanged but the movement into consumption was conservative and, of itself, contributed little to the steady support of the price schedule. Lack of competition has kept the situation in statu quo.

Chloroform.—Inquiries involved the immediate needs of buyers and the more distant requirements were being held in abeyance, Prices were reasonably steady in the absence of much competition.

Cocoa Butter.—The market was firm at the advance recently reported and while demand was not expansive it was moderate in volume and generally steady for small lots.

Codliver Oil.—Spot business was not very active. Stocks unused in this country were reported to be sufficiently large to hold large scale buying in check for the time being. The foreign market stocks were of satisfactory size in the main and provide a supply likely this year to prove ample for all probable consuming requirements.

Corn Syrup.—Marked weakness in corn prices brought syrup prices lower to the basis of $3.09 per 100 pounds for 42 degree, and to $3.14 for 43 degree material. In view of the raw material situation, producers indicated that, for the time being, the tendency of prices would probably be in favor of buyers.

Ephedrine.—Prices have not declined further but the item was on the easy

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Industrial and Pharmaceutical Chemicals

ISOPROPYL ALCOHOL
•
ISOPROPYL ETHER
•
DIACETONE
•
METHYL ETHYL KETONE

Selling Agents for
SHELL CHEMICAL COMPANY

R.W. GREEFF & CO.
10 East 40th Street New York, N. Y.

HEYDEN
FINE CHEMICALS

FORMALDEHYDE
U.S.P.
A clear water white solution of uniform purity

PARAFORMALDEHYDE • METHENAMINE
•
BENZYL CHLORIDE • BENZALDEHYDE
BENZOATES
•
SALICYLATES • BROMIDES

HEYDEN CHEMICAL CORPORATION
NEW YORK—50 Union Square
Chicago—180 N. Wacker Drive • FACTORIES: Garfield, N. J.—Fords, N. J.

side since demand has been light and supplies have increased considerably. An active season of the year lies ahead and conditions now are far more favorable than they were a year ago.

Glycerin. — Chemically pure and heavy gravity material held reasonably steady even though the movement into consumption was held down by the absence of expanding requirements on the part of the leading buyers for consumption. Crude was quiet and fairly well held as to price. However, the foreign markets continued to exercise poten-

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City

PLYMOUTH BRANDS
STEARATES - ZINC - MAGNESIA
WHITE MINERAL OILS U. S. P. and TECHNICAL
Manufacturers and Importers for thirty years
M. W PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
55 ANN STREET, NEW YORK CITY

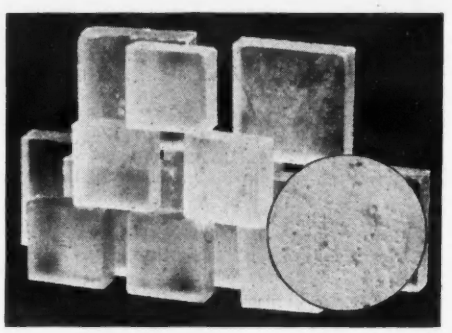
MARTENS BRAND
OLEUM JECORIS ASELLI
THE CREAM OF MEDICINAL
Cod Liver Oil
★
A/S JOHAN C. MARTENS & CO.
BERGEN, NORWAY
Established 1838
PRODUCERS, REFINERS, WORLD MARKETERS
★
REPRESENTATIVES
H. H. ROSENTHAL CO., INC.
25 EAST 26TH STREET, NEW YORK CITY

TARTARS
WILLIAM NEUBERG, Inc., 441 Lexington Ave., NEW YORK, N.Y.
MUrray Hill 6-1990

RUSSIAN WHITE MINERAL OILS
Genuine Imported U. S. P.
FLAG BRAND
All Viscosities
WHITE OILS
TECHNICAL WHITE OILS FOR INDUSTRIAL USE
NAPHTHENIC ACID SLUDGE . . . NAPHTHENIC SOAP
S. Schwabacher & Co., Inc., 25 BEAVER STREET NEW YORK
Established distributors wanted
Inquiries Invited

NATIONAL BRAND MILK SUGAR
QUALITY STANDARD THE WORLD OVER SINCE 1883
ALPHA LACTOSE
BETA LACTOSE
POWDERED-GRANULAR
IMPALPABLE
NATIONAL MILK SUGAR COMPANY
Division of The Borden Company
350 MADISON AVENUE NEW YORK, N. Y.

Every Tablet of
SHERKA
CAMPHOR, U. S. P.
(*Synthetic*)
is identical in quality, purity and capacity for camphor action . . .



Surface of Sherka Synthetic Camphor U.S.P. Tablet magnified 150 times to show uniform structure and fineness.

for MEDICINAL, MOTH PREVENTIVE and OTHER PURPOSES
Meets all U.S.P. requirements—lower in price than the natural camphor. Tablets (½ and 1 oz.), Slabs (2½ lbs.) and Powder—all available from one source.
Write for comparative samples and prices to
SHERKA CHEMICAL CO., Inc. Bloomfield, N. J. — Importers
or
GEORGE UHE COMPANY
80 Eighth Avenue, New York, N. Y.
Distributors

BORAX
Reg. U. S. Pat. Off.
PURITY GUARANTEED OVER 99.5%
Reg. U. S. Pat. Off.
AND BORIC ACID
TRONA Reg. U.S. Pat. Off.
"TRONA" MURIATE OF POTASH
TRONA Reg. U.S. Pat. Off.
A 95-98% Grade for Agricultural Use.
A Special High Grade for Use in the Manufacture of Industrial Chemicals.
AMERICAN POTASH & CHEMICAL CORPORATION
70 PINE STREET - NEW YORK
Stocks carried in principal cities of the United States and Canada

tial, if not actual, effect on the spot situation and continued export of large quantities to this country remain a possibility.

CHICAGO, Aug. 4.—Demand for c.p. and other grades of glycerin is quite good. Orders have been reaching suppliers at a steady rate in the last few days, and tone seems to be healthy. It is assumed that part of this call is seasonal, and part of it is an outgrowth of better general business sentiment. Ruling prices are:—C.p., drums, 14¼c. per pound; drums, less than car lots, 14¾c.; cans, 16¼c. to 18¼c., according to quantity, drums, car lots, 13¾c.

Magnesia.—Carbonate was very steady and while the drive for business was active, it was not being made at the expense of a level and well stabilized price position. Calcined material was steady also. Establishment of a single price regardless of quantity, quoted at the works, has been accepted generally by the consuming trade and it seemed probable that a degree of stabilization has been obtained at last.

Magnesium Hydroxide.—The medicinal grade was priced at 25c. per pound in barrels; 30c. in drums, and 26c. in kegs. The figure was reported to be very steady thereat and demand was level with normal expectations at the present time.

Menthol.—News from Japan was to the effect that war in China would not prevent the normal shipment of new crop material from the Japanese market. Prices have been well maintained in the export market but not much business reached there from the spot where fair stocks were said to be moving but slowly.

Milk Powder.—The Federal Surplus Commodities Corporation has been authorized to buy up to 30,000,000 pounds of dry skim milk during the current fiscal year. In the fiscal year ended June 30, last, the corporation bought 21,520,000 pounds at a cost of $1,322,000.

Quicksilver.—No change in the situation as described in the previous week was noted in the period just ended. The market was active within narrow limits, yet the prices spread widely over the range $76.50 to $84.50 per flask, depending on who sold what metal to whom. Production on the Pacific Coast was running close to 1,000 flasks per month. Sales last week were confined to several 25-flask lots sold at $76.50 per flask. Late in the period the local representative of one of the largest producers stated that his principals had withdrawn from selling.

SAN FRANCISCO, Aug. 2.—Quicksilver has been gradually declining in price and last week there was further evidence that buyers, and not sellers were in control of the market. Moderate to small sized lots are apparently worth no more to consumers than a level of $77 per flask, and there has been some talk of even lower prices on larger lots. The market lacks in strength. Demand is only routine.

Quinine.—Sulphate and bisulphate were said to be moving in volume close to that which would be seasonal for the articles. Shipments reached very good totals and contributed to the maintenance of very steady market conditions in general.

Rochelle Salt.—All tartar products were steady, this one especially so in keeping with the very fair number of new orders reaching the leading producers. Production cost was such as to indicate probable price firmness for some time to come.

Santonin.—While demand was still an improvement over that current in the recent past, it was less active than it was in the previous week when some very good business was done with manufacturing consumers.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 500 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pe
Saturday	31½	42¾	19⅝
Monday	31½	42¾	*
Tuesday	31½	42¾	19⅝
Wednesday	31½	42¾	19⅝
Thursday	31½	42¾	19½
Friday	31½	42¾	19⅝

* Holiday.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

QUALITY WINS PREFERENCE FOR DOW SODIUM SALICYLATE, U. S. P.

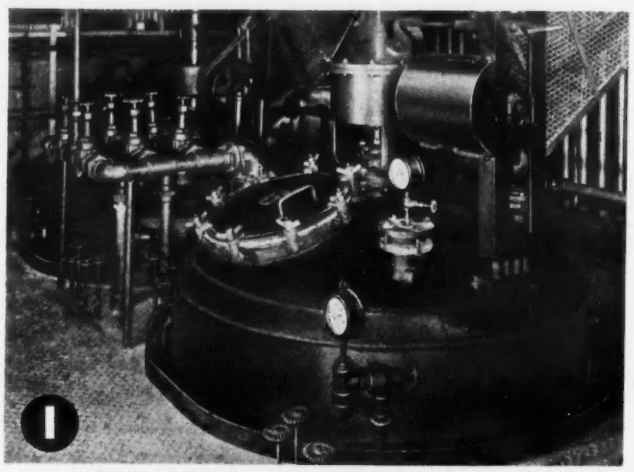
DOW Sodium Salicylate, U. S. P., possesses the superior color, form, and purity that is so preferred by pharmaceutical manufacturers for the preparation of tablets and capsules. Its white, microcrystalline powder yields the clear, colorless solution most desirable for general pharmaceutical manufacture and prescription use and for intravenous administration.

The uniform excellence of this product — achieved through rigid control from the basic materials to the finished product — has earned for Dow a leading position as a producer of Sodium Salicylate, U. S. P.

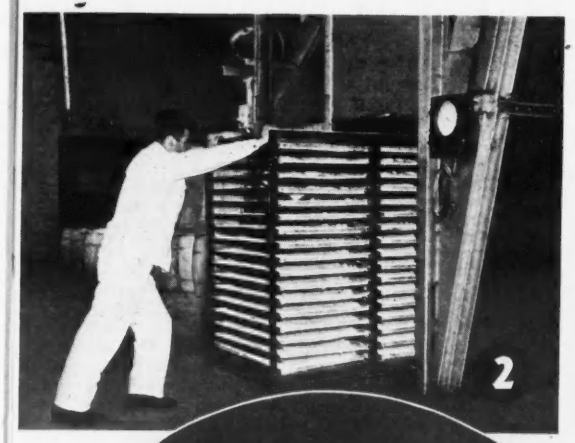
THE DOW CHEMICAL COMPANY
MIDLAND, MICHIGAN

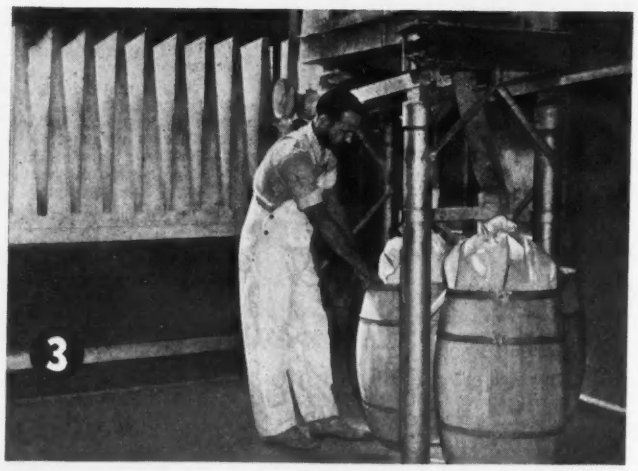
Branch Sales Offices: 30 Rockefeller Plaza, New York City; Second and Madison Streets, St. Louis; Field Building, Chicago; 1400 16th Street, San Francisco; 2200 East 15th Street, Los Angeles

PRODUCERS OF MORE THAN 300 CHEMICAL PRODUCTS



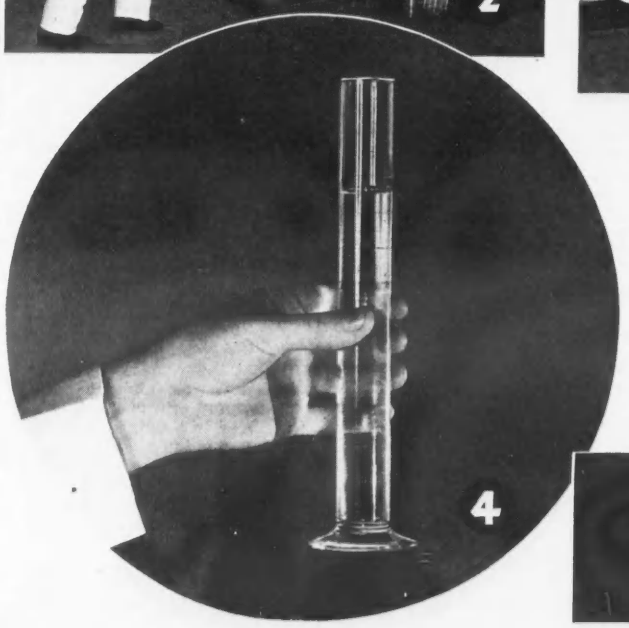
1. Basic Ingredients of Sodium Salicylate are Salicylic Acid and Sodium Bicarbonate. These are mixed with water in glass-lined reactors. After the solution is filtered it is crystallized in water-jacketed crystallizers.





2. Drying the crystals is an important step in the manufacture of Sodium Salicylate. The crystals are placed on special metal trays for carefully controlled oven drying.

3. Pulverizing Mill in background grinds the crystals to a white, microcrystalline powder. Packaged in paper-lined containers, the Sodium Salicylate is shipped to pharmaceutical manufacturers for general manufacture into various forms.



4. Purity of Dow Sodium Salicylate is indicated by the clarity and water-white color of its solution. Its uniformity and quality have led pharmaceutical manufacturers to depend on Dow for this product.

TRADE DOW MARK
REG. U. S. PAT. OFF.

Antitrust Violations Laid to A.M.A.

—Continued from page 5

department's announcement follows the meeting of the President's national health conference here two weeks ago, at which public health officials and representatives of organized medicine clashed over government proposals to extend public medical assistance. The attitude of physicians toward health insurance and co-operative medical plans has been a matter of debate within the American Medical Association for some time.

Following its recent policy of making public announcements of each new antitrust action, the Department of Justice issued a press release declaring that the organized doctors in the District of Columbia have threatened expulsion from the medical society of members who accept employment with Group Health Association or who consult with Group Health Association physicians, and have prevented Washington hospitals from permitting Group Health Association physicians to attend their patients in the hospitals. These alleged practices have been a matter of public discussion in Washington for some time, and Group Health Association, which has a considerable and growing membership, is negotiating for the construction of its own hospital. It employs several doctors and a pharmacist on a salary basis and operates a clinic. Last week the Federal district court here, in an action brought by the corporation counsel for the District of Columbia, ruled that the Group Health Association is legal and is not violating the medical practice or insurance laws.

One significance of the proposed suit is the statement in the release that the Department of Justice interprets the antitrust laws as prohibiting combinations which prevent others from competing for services as well as goods. While doctors are not generally considered to be engaged in interstate commerce, the federal antitrust laws apply to local activities in the District of Columbia. The department stated that it is not particularly championing medical cooperatives of the Group Health Association type, but that it is aiming to prevent artificial impediments by organized groups who desire to escape competition from the various attempts which may be made from time to time to bring down the cost of medical care.

National Cinnabar Company, under the direction of H. W. Gould & Company, Mills building, San Francisco, will develop its cinnabar land in the vicinity of Bodie, Calif.

Before placing
your next order for
TARTAR EMETIC,
let us tell you
how you can save money
by using
APEX ANTIMONELLE
(Pat'd.)
APEX CHEMICAL CO., Inc.
Manufacturers Since 1900
225 W. 34th St., New York City
FACTORY: ELIZABETHPORT, N. J.

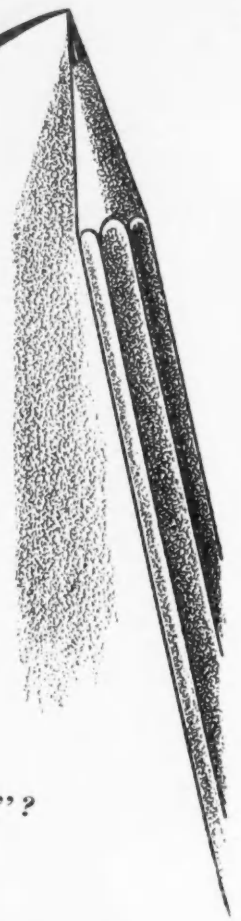
"Not Just the First Time..."

A customer who feels dissatisfied with a certain product is apt to make his first purchase of that brand his last. Because of this (for reorders are the life of our business) and because of a strict sense of responsibility to our customers, we maintain the quality of our plant drugs at a high peak *at all times.*

Penick raw materials are purchased carefully, and tested with scientific stringency. Cleaning and re-cleaning, drying, milling, and storage protection are all given skilled attention. We want to please, not just the first time, but on every order. The many names that remain on our books year after year attest achievement of that aim.

For prompt delivery from an unusually complete selection of quality products at equitable prices—make Penick your house.

QUALITY GUMS
CRUDE BOTANICALS
EXTRACTS
ALKALOIDS
FISH LIVER OILS
INSECTICIDE BASES
COSMETIC RAW MATERIALS



Shall we send you our "PRICE LIST AND MANUAL"?

S. B. PENICK & COMPANY

132 NASSAU STREET, NEW YORK 1228 W. KINZIE STREET, CHICAGO

THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Cube Patent Case Appealed by Agicide

—*Continued from page* 4

equivocal language contained in plaintiffs proposed Findings of Fact numbered 14 and 15." In signing these proposals of the plaintiff, Judge Geiger accepted the excepted findings which were as follows:—

14. I find that the cube processed in accordance with the disclosure and claims of the Dennis patent was purchased as cube by the defendants and was made, used and sold by the defendants as a cube insecticide, and that where the word, "timbo," was substituted for cube in designating the defendant's purchases and sales the word, "timbo," actually referred to the product cube defined by the patent.

15. The evidence and proofs show that the powdered product made and sold by the defendants includes the ground cube root identified by claim 1 of the patent in suit. The moist product made, used, or sold by the defendant includes the extract of cube defined by claims 2 and 4 in the patent suit.

The memorandum also states that:—

The defendants, and the entire insecticide industry are intitled to a decision as to whether timbo root powder received by the defendants in original packages from Brazil is, or is not, within the range of the Dennis patent. At the trial, the plaintiffs studiously avoided any proofs or argument. With reference to timbo, and their proposed Findings of Fact numbered 14 and 15 continue to avoid a specific decision upon this subject.

W. G. Wheeler, attorney for the defendants, has made the following statement:—

The court signed the plaintiff's proposed findings and conclusions without a hearing and without any comment with respect to the subject matter raised by the defendants' memorandum.

In considering the question as to whether timbo is or is not within the scope of the findings and decree entered by the court at Milwaukee, the following facts should be considered:—

1. At the time the suit was commenced in the Summer of 1937, the defendants thought they were using cube. The defendants' testimony at the trial showed that they were ordering cube and were receiving toxic root in ground form in barrels bearing cube labels.

2. The testimony in behalf of the defendants at the trial showed that it was not until the Spring of 1933 that they ascertained that they were getting timbo under cube labels. Then the defendants forced their importer to send them timbo in the original containers from Brazil.

In view of these facts, the question could well be raised as to whether the 1938 practices of the defendants were really before the court, since technically the only facts before the court from a point of view of infringement are those bearing upon the period of time before the commencement of the suit.

In this connection it should be known that one of the attorneys for the defendants urged one of the attorneys for the plaintiffs to bring a supplemental bill to cover 1938 business and the invitation was not accepted.

Cosmetic Ad Claims Criticized by T.G.A.

—*Continued from page* 5

(The use of hormones has recently been the subject of a warning by the American Medical Association.)

Claims which are regarded as not acceptable are listed, with comment, by the T. G. A. board of standards as follows:—

1. Claims that youth can be restored to the skin by cosmetics. (The use of cosmetics give a more youthful appearance to the skin).

2. Claims that any preparation applied locally will rejuvenate any gland or cure or prevent double chin or flabbiness of the facial muscles or will restore the youthful lines of the face or have any effect in altering the shape or structure of the face or neck muscles. (Certain preparations applied with proper manipulation, massage, and exercise may tend to improve the facial contour).

3. Claims that the skin can be fed or nourished by external application of a cosmetic. (The Federal Trade Commission has taken the position that nourishment of the skin can only be supplied through the blood stream. This statement in our opinion represents at the present time the attitude of the Federal enforcement agencies, although it has been the subject of considerable scientific controversy, and further research and experiments are now being conducted.)

4. Claims that any preparation used externally can restore the natural oils of the skin. (Dryness of the skin may be relieved by the application of certain cosmetic preparations.)

5. Claims that any preparation will remove wrinkles or crow's feet. (Certain preparaticns will temporarily tend to reduce the appearance of wrinkles and crow's feet.)

6. Claims that any preparation will permanently remove freckles, moth patches, or other deep skin discolorations or safely peel the skin.

7. Claims that any preparation applied locally will cure acne. (Some preparations will cause skin blemishes temporarily to disappear.)

8. Claims that any preparation will prevent or remove blackheads. (The use of certain preparations together with the proper care of the skin tends to prevent blackheads from forming and will have the effect of facilitating the easier removal of the blackhead.

9. Claims that any preparation which can be applied to the skin in any way as a cosmetic or used as a mouthwash is absolutely antiseptic or that any such preparation will destroy all germs.

10. Claims that any depilatory preparation containing a sulphide can safely be used for the removal of facial hair.

11. Claims that any preparation will cure baldness or cause hair to grow.

12. Claims that any preparation being applied to the scalp is a cure for dandruff. (Many preparations will assist in removing the loose scales of dandruff, and by regular use may help to prevent the appearance of such loose scales.)

13. Claims that any preparation will restore the color to the hair. (The preparations which affect the color of the hair are in fact dyes or tints, and not color restorers.)

14. Claims of any value for the use of vitamins or hormones in the preparation of nail polish. Claims that any nail polish will prevent or cure brittleness of the finger nails when applied externally or will nourish or feed the nail. (Certain preparations may be valuable in lubricating or softening the nails temporarily.)

15. Claims that any toothpowder, paste, or mouthwash will restore whiteness to the teeth. (No teeth are white. Claims that certain preparations will aid in preventing discoloration and restore luster or brightness to the teeth are acceptable.) Claims that any such preparation will protect the surface of the teeth unless the claim is limited to the open surfaces of the teeth.

16. Claims that any toothpowder, paste, or mouthwash will prevent or cure pyorrhea or receding gums. (In conjunction with vigorous massage such preparations will aid in stimulating the gums and in keeping them clean and healthy.)

17. Claims that any preparation commonly used as eyewash will strengthen the eyes or the nerves of the eyes, or relieve strain of the eyes, or restore youth to the eyes, or have any effect upon the eyes other than if the preparation contains the proper ingredients to clean the eyes or allay irritation.

18. Claims that solutions or preparations applied externally will dissolve fatty tissues and are effective as weight reducers.

One of the items of understanding between the two associations is that their members "should look with particular disfavor on all claims or statements, made in advertisements, which are a disparagement or unfair criticism of competing preparations."

With respect to the labeling of cosmetics the T.G.A. board of standards has advised the members of the association that an article cannot be both a drug and a cosmetic under the Copeland act. In the category of drugs it would place all medicated creams, all lotions or creams intended for the treatment of acne or any other skin affection, and all toilet preparations for which any medicinal or therapeutic claims are made. The point is made that any compounded preparation classifiable as a drug must be labeled to disclose the names of its active ingredients and also the quantity of certain components.

Review of labels is urgently advised by the board, which offers its facilities to the members for the examination and construction of labels.

Drug Act Requirements Studied by A.D.M.A.

—*Continued from page* 5

will proposed that the regulations permit a certain small percentage of arsenic to be undisclosed on the label.

The work of these two subcommittees falls in a different field from the functions of the joint contact committee of the American Drug Manufacturers Association and the American Pharmaceutical Manufacturers Association. The A.D.M.A. technical advisory committee has been in conference with Food and Drug Administration officials on these matters and further conferences probably will be held.

Botanical Drugs, Spices, and Gums

Ergot Holds Strong, with Future Still Uncertain—Cascara Advance Sustained on Pacific Coast—Belladonna Leaves Off Slightly —Benzoin Strength Unabated—Papain Competitive

Botanical drugs were lacking in important activity last week. While a fair amount of business was done, most of the sales were made at prices which ruled steadily and without change throughout the entire period. The undertone to prices was essentially steady and because of general conditions in the primary markets, some quarters were inclined to the view that prices will rise when demand develops the normal volume for Fall.

Cascara and ergot continued to occupy front seats in the market arena. By withdrawing offerings of new peel, dealers in the Pacific Northwest have achieved what amounts to a 2c. advance in prices; they offer only from stocks of bark peeled a year ago. As very little was gathered this year, the makings of a strong situation were at hand, it was said.

Uncertainty concerning ergot abounded. From information in hand, control of export prices by the Franco faction that is in possession of the production area in Spain can well result in high levels being paid this year. The minimum alleged to have been set on export prices is $1.50 per pound. It remains to be seen whether Spanish ergot will come out through the back door of Portugal at prices at variance with those set by decree.

As to general conditions likely to influence prices in an upward direction, European advices fail to show much weakness in the quotations on new crops abroad. In the domestic markets, low prices were set for collectors since it had been thought that labor would be more plentiful. Such plentitudes has not been the usual experience and it remains to be seen how close to normal gathering of domestic drugs may be.

Entries of botanicals at the port of New York since the week of January 1, 1938, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	407	925
Belladonna	51	245
Caraway	784	4,763
Cardamom (cases)	35	1,008
Celery	...	553
Coriander	1,967	3,936
Cumin	412	1,294
Digitalis leaves (cases)	68	77
Dill	...	300
Fennel	176	514
Henbane leaves (bales)	42	107
Mustard	200	19,827
Poppy	300	22,176
Sage leaves (bales)	25	283
Sesame	953	6,796
Stramonium (bales)	516	516
Thyme (bales)	9	506

Price Changes

Prices were changed during the past week as follows:—

Advanced

Caraway seed, ¼c. per lb.
Cumin seed, Algerian, ¼c. per lb.
Dill seed, 1c. per lb.
Fleaseed, French, 2c. per lb.
Mustard seed, California brown, ¼c. per lb.
Mace, Banda, ½c. per lb.
Batavia, ½c. per lb.
Paprika, Hungarian, extra fancy, 2c. per lb.
medium, 2c. per lb.
Pepper, black, Tellicherry, ¼c. per lb.
Pimento, ¼c. per lb.

Reduced

Buckthorn berries, 1c. per lb.
Belladonna leaves, 1c. per lb.
Canary seed, Morocco, ½c. per lb.
Turkish, ½c. per lb.
Argentine, ¼c. per lb.
Cassia, Batavia, No. 3, ¼c. per lb.
Pepper, black, Lampong, ½c. per lb.
Prickly ash berries, 1c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
124.5	124.5	122.3	126.0

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Peru.—Statistics covering exports of this balsam during the first six months of this year show receipt of 26,393 gross kilos in the United States out of a total export of 38,227 gross kilos. This compares with the total export in 1937 of 68,234 gross kilos, of which 45,353 gross kilos reached this country.

Tolu.—The market was quiet but reasonably steady and free from unsettling influences. Prices were low and favorable and sellers intimated that they were not likely to recede further.

Barks

Angostura.—Not much beyond jobbing trade was noted in this article and yet the market price showed a deal of stability because of the absence of weakness in the foreign sources of supply. Stock were ample for current requirements on spot.

Cascara Sagrada.—The situation on the Pacific Coast appeared to be under excellent control. By offering low prices to peelers, the dealers in the northwest kept the new peel down to the smallest in many years. The next step was to withdraw offerings of new peel and to base prices on large stocks held over from last year. This change in price basis amounted to a 2c. advance in prices on the Coast. Some spot dealers feel that since some large users discounted information that had warned of probable price advances, a rising market is likely to develop a strong tone when such consumers do enter the market for supplies. The spot suppliers are on the qui vive for any further developments and the tendency of all prices was upward.

Elm.—Nothing adverse has been said regarding the outlook for supplies during the coming active season of consumption. Price declines have stopped and a reasonable stability prevailed in a not especially active market last week.

Sassafras.—Reserves in the primary market have gained steadily but not unduly during the collection season. Prices paid have been fairly low on the whole and one quarter intimated last week that some primary market dealers might raise the prices to the workers in order to encourage an increase in deliveries of new bark. Spot quotations were steady to firm throughout the past week.

Wahoo.—Values here have worked fairly low and there was some reason to expect a reversal of price trend in the event of demand developing along normal volume when Fall business sets in. The spot market was generally very steady last week.

Beans

Calabar.—Prompt requirements of buyers were readily met out of spot stocks and the total of business was well down into the jobbing depths. However, quotations continued to be reasonably steady.

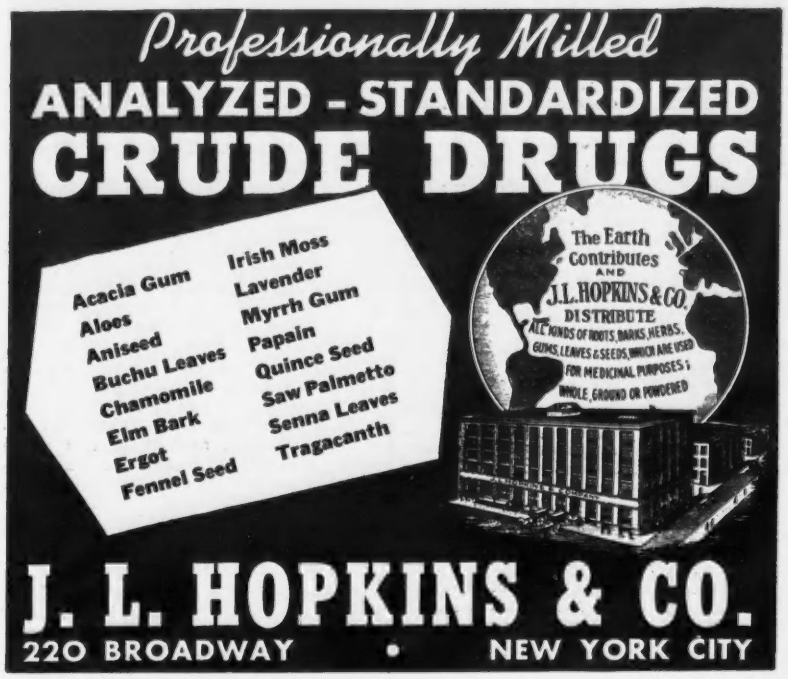
Vanilla. — Bourbon beans remained strong. Prices abroad held up well, offerings continued to be less than normal, and conditions in most respects forecast a strong market for some time to come. Only a sharp setback in consumption of beans throughout the world could apparently affect the price position adversely. Demand on this market continued to be very good and most sellers were reserved.

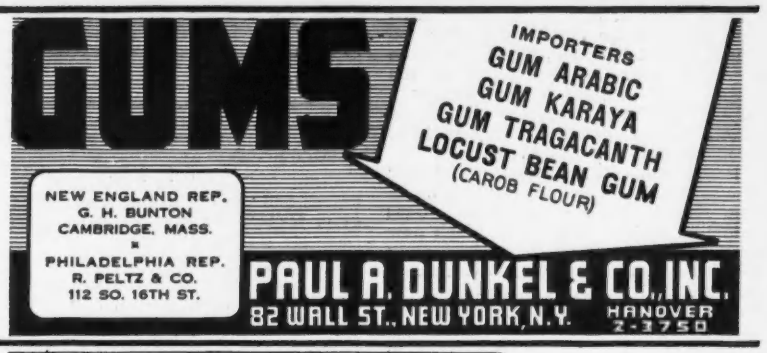
Berries

Buckthorn.—An order for this article resulted in sales being made at 17c. to 18c. per pound, this being a slight reduction from what had been quoted previously as the market. No regular call has been current for some time.

Prickly Ash.—More favorable prices in the country permitted some shading of spot quotations and the market during the past week was 14c. to 15c. per pound lower and generally easy in the absence of much demand.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7





Write for Prices and Samples

ORBIS
PRODUCTS CORP.
215 PEARL STREET
NEW YORK, N.Y.

BASE OILS—For Soapless Shampoos
For Polishing Compounds—For Cosmetic Preparations
VISCO GUMS—For Wave Set Solutions
GUMS
Arabic, Tragacanth, Karaya
Powdered in our own mills under laboratory control
JACQUES WOLF & CO.
MANUFACTURING CHEMISTS AND IMPORTERS
PASSAIC, N. J.

Flowers

Borage.—The foreign prices have not declined much notwithstanding the accumulation of new crop goods. Locally, sellers held prices but found only occasional sales outlets for the article.

Chamomile.—Some reports concerning the new crop have been slightly adverse and in the main the replacement prices have been on the firm side. The situation, however, has not caused reaction on spot. Values here remained unchanged last week and a routine call was generally reported.

Malva.—Indications were that reserves will be sufficient for consuming requirements during the coming season but it also appeared that prices were likely to hold generally steady. On the spot a steady market but one hardly more active than jobbing requirements would create was generally reported.

Pyrethrum.—Japanese prices were on the firm side and higher prices in force of late continued to prevail. On the spot ground and powdered material held at the recent advance and continued to move in very good volume to consumers and distributors.

Saffron.—The market was steady at $28 to $30 per pound. The supply was short but so was demand and, hence, the presence of some lots in hand for a considerable period of time were seeking new owners on the above price basis.

Gums

Arabic.—Moderate interest was displayed by buyers. Large quantities moved but seldom, most orders covering the small but pressing needs of the moment. Shipment quotations held up well and acceptance of bids was hardly the usual experience of importers last week. Spot stocks were equal to more than present demand.

Benzoin.—The advance in quotations on Sumatra gum were well maintained, though there was less excitement in the market than in the previous week. Rejections of recent arrivals cut spot stocks. Also, importers have not received normal shipment offerings from the source.

Guaiac.—Jobbing business made up the bulk of trade last week and the market as a whole was routine and generally quiet. Prices were well held,

those on spot being in line with those in the primary market. Stocks were moderate in size and well distributed.

Myrrh.—The inflow of new business was moderate, consisting of numerous calls for smaller quantities that met immediate requirements. Local reserves seemed ample to provide protection for the probable needs of manufacturing consumers during the Fall months.

Tragacanth.—Business was moderate. While there seemed to be a fair prospect for trade during the coming months, at the moment purchases last week were conservative. Revival of wide activity in the textile industry is needed to bring about a needed rise in the consumption of tragacanth.

Herbs and Leaves

Belladonna.—The outlook was for an ample supply of good test leaves and the market has assumed a slightly easier undertone that turned values in favor of buyers when quotations at 13c. to 17c. per pound came into being on the spot last week.

Buchu.—While not reduced further in price, this article was still unsettled and placed in a position distinctly favorable for buyers. Holders on spot have displayed a tendency to shade values and that tendency was still noted last week.

Digitalis.—Little has been heard about this material of late but it was evident that stocks were none too ample; too much material arriving here has been rejected since the beginning of the year. However, no buyer needing a supply has been unable to satisfy his wants, though prices to be paid have been comparatively high.

Peppermint.—The price on domestic leaves seemed to be steadier last week. The recent decline dropped quotations into line with the prices at which new crop goods have been obtainable. Only moderate consuming request was noted but the outlook for the future seemed to be reasonably reassuring. Imported goods remained firm.

Stramonium.—Small stocks were in strong hands who maintained very firm prices and showed no disposition toward anything save maintenance of the market as quoted. Poor quality led to large rejections of arrivals ever since the first of the year.

Miscellaneous

Cantharides.—Russian material was fairly steady last week and most suppliers indicated that in all probability values would develop a firmer tone. Chinese flies were in very good supply and the war between Japan and China has had no effect on values of such merchandise.

Ergot.—The market held at $1.70 to $1.75 per pound, with the future as uncertain as ever but with the present prospect being more favorable to comparatively high prices than otherwise. The future will depend almost solely on the ability of shippers to get normal quantities out of Spain. Even granted that, there remains the element of the artificial control of export prices through decrees issued by the Franco faction which holds control of the areas producing ergot.

Lycopodium.—Considerable stability has come to this market notwithstanding the absence of much demand at the present time. The shipment prices from Europe have held steadily for some weeks and absence of a tendency toward local competition has contributed to the stabilization of values.

Manna.—Sales were slightly improved over the moderate call noted for the past several weeks. The market as a whole had a steady quality that resulted not only for the gain in trade but which also was in line with well maintained shipment quotations from Italy.

Papain.—Reports of prices being shaded under competitive circumstances were noted. While $1.25 to $1.30 per pound was quoted openly, comment had it that less had been quoted in some quarters when orders were in sight. Replacement values remained steady.

Roots

Belladonna.—This root was on the firm side, and shading of 12c. to 12½c. per pound, as to quantity, was said to be unlikely because of the replacement position of this merchandise.

Derris.—Exports of this root from the Netherland Indies increased from twenty-five metric tons in 1936 to sixty-nine metric tons in 1937, and to seventy-seven metric tons in the first four months of 1938. The increase in exports represent estate production almost exclusively.

Golden Seal.—Well-informed quarters look for higher prices later on, as they forecast an absence of excessive production this year. For some weeks past prices have been downward in trend, but they appeared to have become firmer last week.

Rhubarb.—It is proving comparatively easy to get goods from China, and prices on shipment material have been on the decline for some time. While spot quotations were not lowered further last week, they were still unsettled because of current competition that had for its main basis the cost to replace at the source.

Skunk Cabbage.—Stocks in the country have been gaining steadily and prices on replacement goods have been on the downward path. No further reduction in spot quotations was made last week, but conditions were still favorable for manufacturers reaching the market with firm orders in hand. Reserves were fairly large last week.

Seeds

Canary.—Prices reacted upward after the sharp fall in the previous trading period. Morocco seed was up to 4.45c. to 4.60c. per pound; Turkish, 4.35c. to 4.60c.; Argentine, 4.36c. to 4.60c. The shipment position warranted improvement in spot prices.

Caraway.—Seed was a small fraction higher at 6⅞c. to 7¼c. per pound, but the fundamental position of the material changed very little and chances favored the view that, with firm orders in hand, buyers could obtain more favorable prices.

Cumin.—Algerian seed was very scarce and the market was advanced to 9½c. to 10c. per pound. No stocks of Morocco seed were available.

Dill.—More demand put the price for recleaned material to the higher level of 9c. to 9½c. per pound, and the call was very steady for moderate-sized lots throughout the period.

Flea.—French seed continued in very good demand, and it was estimated last week that sales of 80,000 pounds have been made within the past ten days. Prices were higher at 13c. to 14c. per pound.

Spices

Cassia.—The sole change in price came in that named on No. 3 Batavia, which was lowered to 10¼c. to 10½c. Demand for the group as a whole was very light.

Mace.—Banda sold for 54½c. to 55c. per pound Batavia, 42½c. to 43c.; Siauw No. 1, unchanged at 47c. to 48c. The slightly higher prices were backed by a very fair consuming call for spot deliveries.

Paprika.—Those with Hungarian goods on the spot came near to being able to set their own prices. The extra fancy was raised to 27c. to 28c. per pound; medium, 25c. to 26c. Nothing was available in Hungary. Spanish goods remained strong, and stocks were comparatively small.

Peppers.—Lampong black pepper was shaded to 5⅛c. to 5½c., while the Tellicherry was higher at 8½c. to 9c. White and red peppers remained unchanged, and stocks of the latter were limited in size and not well distributed. Demand was moderately satisfactory.

Trading in black pepper futures on the New York Produce Exchange from July 30 to August 5, inclusive, comprised 298 contracts, a total of 10,012,800 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	5.09	4.89	4.94@4.96
March	5.15	5.02	5.04@5.08
May	5.32	5.05	5.18 sale
July	5.40	5.17	5.27@5.28
September	4.90	4.78	4.74@4.75
December	4.95	4.95	4.87@4.92

Pimento.—Spot prices continued to be advanced and trade was booked last week at 16¼c. to 16½c. per pound. The higher shipment market showed strength that was in line with the not especially satisfactory outlook in the primary market.

Standard Oil of Indiana Elects R.F. McConnell to Directorate

R. F. McConnell has been elected to the directorate of the Standard Oil Company of Indiana, filling the vacancy created recently by the death of R. H. McElroy, vice-president in charge of traffic. Mr. McConnell, assistant general manager of sales, has been affiliated with the sales department of the company for thirty-one years.

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

Fully protected by Copyright

Two-hundred-thirty-ninth Instalment

Magnesium

Special Reagents for Detecting Presence of Magnesium

Clayton yellow
Diammonium hydrogen phosphate
Dimethylamine
8-Hydroxyquinolin
Orthoparadihydroxyazoparanitrobenzene
Oleic acid
Oxine
Paranitrobenzeneazoalphanaphthol
Paranitrobenzeneazoresorcinol
Pyrophosphates
Quinalizarin
Titan yellow

Malachite

(Green Carbonate of Copper)

Reagents for Flotation of Malachite

Calcium hydrosulphide
Calcium polysulphide
Calcium sulphide
Coaltar oil
Copper sulphites
Gastar creosote
Lime
Oils
Petroleum distillates
Pine oil
Potassium hydrosulphide
Potassium polysulphide
Potassium sulphide
Sodium hydrosulphide
Sodium hydroxide
Sodium polysulphide
Sodium sulphide
Sulphur
Sulphur dioxide

Solvents for Malachite

Acids
Potassium cyanide

Maleic Acid

Catalysts Used in Manufacture of Maleic Acid

Antimony oxide
Brass
Cadmium oxide
Chromium oxide
Cobalt
Cobalt oxide
Copper
Copper oxide
Gold
Iron
Iron vanadate
Lead oxide
Manganese oxide
Molybdenum compounds
Molybdenum oxide
Ruthenium
Silver chromate
Thorium oxide
Tungsten
Vanadium
Vanadium compounds
Vanadium ores

Catalyst Carriers Used in Manufacture of Maleic Acid

Bauxite
Carbon
Charcoal
Clay
Fuller's earth
Kieselguhr
Metal cylinders
Pumice

Methods of Producing Maleic Acid

Catalytic oxidation of benzene
Heating the acetyl derivative of malic acid
Malic acid distillation

Solvents for Maleic Acid

Acetic acid, glacial
Alcohol
Ether
Water

Maleic Anhydride

Catalysts Used in Manufacture of Maleic Anhydride

Cadmium oxide
Cobalt oxide
Copper oxide
Lead oxide
Sodium oxide
Vanadium oxide

Catalyst Carrier Used in Manufacture of Maleic Anhydride

Pumice

Solvents for Maleic Anhydride

Acetone
Chloroform
Ethyl ether
Hydrocarbons

Maltha

(Soft Asphalt)

Catalysts Used in Hydrogenation of Maltha

Chromium, colloidal
Chromium compounds
Chromium oleate
Cobalt, colloidal
Cobale carbide
Cobalt compounds
Cobalt oleate
Cobalt oxide
Cobalt silicide
Colloidal metals
Copper, colloidal
Copper compounds
Copper oleate
Iron, colloidal
Iron carbide
Iron compounds
Iron oleate
Iron oxide
Iron silicide
Manganese, colloidal
Manganese compounds
Manganese oleate
Metal compounds
Metal oleates
Molybdenum, colloidal
Molybdenum compounds
Molybdenum oleate
Nickel, colloidal
Nickel carbide
Nickel compounds
Nickel oleate
Nickel oxide
Nickel silicide
Titanium, colloidal
Titanium compounds
Titanium oleate
Vanadium, colloidal
Vanadium compounds
Vanadium oleate

Emulsifiers for Maltha

Ammonium linoleate
Amylamines
Animal colloidal substances
Animal oil soaps
Casein solutions
Diamylamines
Diglyco stearate
Emulsifier B585
Emulsone B
Glue
Glycol stearate
Glycopon
Gums
Irish moss
Methyl oleicsulphonate
Methylhexalin
Miscibol
Pectin
Potassium heptylnaphthalenesulphonate
Rosin
Rosin oil soap
Saponin
Soaps
Soda sludge from oil refinery
Sodium alphatetrahydronaphthalenesulphonate
Sodium oleate
Solvoil
Stannic-tetraphenyl
Starch paste
Sulphite liquors
Sulphonated vegetable oils
Suspendite
Triamylamines
Triethanolamine
Trihydroxyethylamine
Trihydroxyethylamine linoleate
Trinydroxyethylamine stearate
Vegetable colloidal substances
Vegetable oil soaps

Extractants for Maltha

Benzene
Carbon bisulphide
Carbon tetrachloride (hot)
Chloroform
Coaltar naphtha
Phenyl hydride

Solvents for Maltha

Acetone
Amyl acetate
Anilin
Benzene
Benzene-toluene mixture
Benzin
Carbon bisulphide
Carbon tetrachloride
Chloroform
Cymene
Dichloromethane
Distilled water followed by 95 percent methanol, ethyl ether, and cholroform
Distilled water followed by acetone, ethyl ether, and chloroform
Ethyl ether
Fatty oils
Gasoline
Heptane
Hexamethylene
Hexane
Hexylhydrin
Isoheptane
Isopentane
Kerosene
Ligroin
Linseed oil (hot)
Methylhexamethylene
Methylpentamethylene
Naphthalene
Nitrobenzene
Octane
Pentamethylene
Pentane
Petroleum ether
Petroleum ether and carbon bisulphide
Petroleum ether and chloroform
Petroleum ether with boiling turpentine and ether, carbon bisulphide, or chloroform
Petroleum naphthas
Pine oil
Rosin oil
Solvent naphtha, heavy
Toluene
Tetrachloromethane
Turpentine
Trichloromethane
Wood oil, light
Xylene

Essential Oils, Aromatic Chemicals

Drop in Juice Pack May Check Large Production Domestic Orange Oil—Messina Lemon Easier at Decline—Peppermint Crop Progress Fair—Spearmint Steady

Business in essential oils and aromatic chemicals was light throughout the past week. Buyers' requirements were conservative and the bulk of selling involved jobbing quantities that resulted in a total volume of limited size. Notwithstanding the absence of good demand, prices in the main displayed a steady quality that was in line with the absence of definite weakness in replacement costs.

Interest in citrous oils continued a prominent feature in the market. Domestic orange prevailed at prices constituting the lowest price at which expressed material ever sold since production began. Greater uniminity of price views, however, seemed to have developed following the last decline and conditions that may bring greater stability were said to be in the making. These conditions related to a probable drop in the orange juice pack, a development which would mean a decrease in the production of orange peel, the raw material used in the manufacture of oil. Messina oil of lemon was lower but the price was still far above that of the domestic product.

Fair progress with the new crop of peppermint was reported but as stocks gain in the Middlewest, no weakening of prices named by dealers there has developed. They call the market strong, there. Spearmint was steady but trade was at a standstill pending distillation results.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Birchtar, rectified, 5c. per lb.
Cedarleaf, 10c. per lb.
Lemon, Messina, 10c. per lb.
Mustard, artificial, 5c. per lb.
Orange, West Indian, 5c. per lb.
Wormwood, 5c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
69.9	70.5	70.5	83.3

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Sweet oil remained steady to firm notwithstanding the lack of more than moderate trading in the article. The replacement cost has held up very well and that has contributed to a steady spot position.

Anise.—No shifting of prices was reported last week. Call for the article was moderate for the most part but there was a steady undercurrent in the market that created steady values and tended to check competitive influences.

Bay.—A not active demand was reported but the calls for jobbing lots proved sufficient to keep quotations generally steady. Available supplies were not overly large but they were still equal to all probable request at this time.

Bergamot.—The market was little disturbed so far as prices went last week. Values held steadily and lacked signs of early shift from the present position. Demand was moderate, though steady for jobbing quantities.

Bois de Rose.—With very fair-sized stocks being available on spot, the local dealers took a steady view as to prices and indicated that being already low, quotations were little subject to competition in the form of shading.

Calumus.—Spot goods were quoted as low as $3.60 per pound and as much as $4.25 was wanted in some quarters. As to activity, the market was one of nominal description.

Camphor.—Steady demand for moderate quantities was the rule and the market had well maintained undertones and prices. Stocks available were ample for more than current undertakings of buyers. Replacement values held up well.

Cananga.—Not all dealers supply this article but those with goods in hand reported a market free from competitive influences and generally steady and well maintained as to prices.

Caraway.—Inquiries were not very numerous last week and the market continued to be a very quiet affair. Most transactions covered the small but immediate needs of a conservative number of buyers. Replacement quotations were generally very steady.

Cassia.—Few influences likely to react on prices could be found last week. There seemed to be fair reason to expect reasonably sized exports from the source and prices proposed made the spot quotations generally reasonable and in line with first costs. Buyers bought mainly those quantities that cared for immediate needs.

Cedarleaf.—The market continued to work lower, drums being priced at 60c. per pound in some directions. The market still had the easier undertones that recently accompanied concessions in favor of buyers. Hand-to-mouth buying was the rule.

Citronella.—The market in Ceylon held steady to firm and the import cost varied very little during the past week. If quantities offered for export serve as a guide, it seemed likely that the free, unengaged stocks at the source were not large. A drought has cut deliveries to the export points, and, also, much of the merchandise transported from the interior apparently is being applied against one very large contract.

Clove.—Makers of this oil failed to reduce prices any further. In fact, based on production cost the market should be fully firm, especially at the present minimum price of 95c. per pound in drums. The recent unsettlement of prices was caused solely by lack of normal trading.

Dill.—A slight gain in activity was reported on the spot last week but the improvement was short lived and the market soon reverted to the dull position featured for some time.

Grapefruit.—Stability of price was about the only feature in this material. Regardless of current demand, the suppliers maintained quotations on a basis dictated by an equally steady position of the article in the hands of the producers.

Lavender. — Considering the very moderate movement of this group, values displayed considerable stability last week. In fact, quotations were believed to have worked so low that little margin for further price shading on standard quality goods was left. Undertones were very steady.

Lemon.—Prices on Italian oil eased last week and prime brands ranged $3.15 to $4 per pound according to brand. This compared with California oil available at the very steady price of $2.50 and the wide range between the two varieties of oil probably accounted for the very steady movement of the home product.

Lemongrass. — The shipment market seemed to be firmer but that on spot failed to show much improvement. The trade here was always light and irregular, quantities taken being of jobbing sort.

Mustard.—Artificial oil was shaded to $1.65 to $1.70 per pound but the genuine article was very firm at a minimum of $8.50 per pound. Neither was in much request last week.

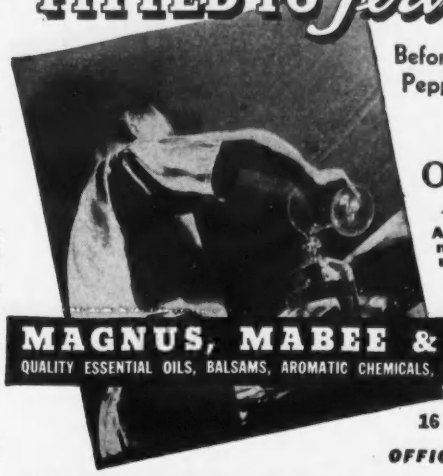
Orange.—Distilled California oil was down to the basis of 50c. per pound. The expressed article stood at 75c. per pound. There were some signs that the market may firm up at approximately these levels. At least, there was more unanimity on price than there had been for many weeks. A firming influence on the market may come if the outlook for the pack of canned orange juice does not improve. At present that outlook is poor. Should this continue it will mean that there will be a lessened stock of orange peel from which the orange oil is made. In the meantime, however, there remains the competition from very low cost African oil. So far as Italian material is concerned, price alone hinders the sale of that material since it is so much higher than domestic material. West Indian oil reacted downward to $1.95 to $2 per pound.

Peppermint.—The market was unquestionably very firm in the Middlewest, far more so than might be supposed from the local situation. It seemed probable that some on spot are being somewhat slow to follow the developments at the source, being disposed to await such time as the Middlewest justifies entirely its at present firmer to stronger view on values. Sales into consumption were seasonably small.

Rosemary.—Indications were that not much oil would come out of Spain this year and hence stocks in other parts of the world are likely to hold a firm price position. Such was the position

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

FITTED TO *Serve* YOU BEST



Before Making Any Commitments for Peppermint Oils, INVESTIGATE

MOHAWK OIL PEPPERMINT

America's *"first"* Oil Peppermint

A clean-cut, mellow, full-bodied Peppermint Oil that costs no more, in actual usage, than ordinary peppermints.

Free Testing Sample Available

MAGNUS, MABEE & REYNARD, INC.

QUALITY ESSENTIAL OILS, BALSAMS, AROMATIC CHEMICALS, CONCENTRATED FLAVORS . . . Since 1895

16 DESBROSSES ST., N.Y.C

OFFICES IN PRINCIPAL CITIES

OIL OF CLOVES
OIL OF NUTMEGS

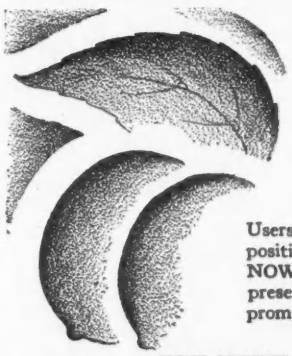
Two of the most important items in our Factory. We can guarantee to furnish you with the highest quality obtainable.

GEORGE LUEDERS & CO.
427-429 WASHINGTON ST., NEW YORK
Branches: Chicago, San Francisco, Montreal *Factory:* Brooklyn

D. W. HUTCHINSON & CO., Inc.
ESSENTIAL OILS
IMPORT Established 1896 EXPORT
162-164 FRONT STREET NEW YORK CITY

An Outstanding
INSECTICIDE PERFUME
is our
BOUQUET L No. 7
Especially recommended for Lethane base sprays where complete coverage is assured.
Just the product you've been waiting for.
H. C. RYLAND, Inc.
161-163 Water St., New York, N.Y.

Buyers Prefer
"O-P-D"
Market Information
because it is
Definite and
Accurate



The Finest West Indian
OIL LIMES DISTILLED

Users of this delicious flavoring oil who are in a position to negotiate their season's requirements NOW will find added incentive to do so in its present favorable price. Write or wire us for prompt quotation.

FRITZSCHE BROTHERS, Inc.
PORT AUTHORITY COMMERCE BLDG., 76 NINTH AVENUE, NEW YORK, N. Y.
BRANCH STOCKS
BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.
FACTORIES AT CLIFTON, N. J. AND SEILLANS (VAR) FRANCE

of the article on spot last week regardless of the not active demand.

Spearmint.—Spot values held steadily but little was done. Buyer and seller alike appeared to be holding aloof, pending further developments in primary market, where a new crop of oil is to be made during the weeks ahead. Holdover stocks on the spot were moderate.

Sassafras.—While not exactly firm, the market was at least steadier than it had been and artificial oil held at the slightly lower quotations noted recently. A routine request aided in support of the market.

Wormwood.—Quotations were shaded to $2.60 to $2.65 per pound last week, probably the result of the fact that the pending new crop is beginning to affect market opinion and policy.

Aromatic Chemicals

Amyl Valerianate.—By the gallon, goods sold at $22 per gallon last week. By the pound, the market was about $3.50. A quiet and usually narrow market was reported generally.

Anethol.—Price stability continued to prevail and the steady undertone fitted well with that prevailing on raw material. Demand was moderate but also steady for quantities of limited size. Reserves were said to be ample for current requirements.

Benzylidene Acetone.—Jobbing business was fair, small orders being numerous and resulting in a continuance of generally steady market undertones.

Cinnamic Aldehyde. — The position was one of stability in which prices were well held and competition seemed a negligible part of the business done last week. Undertones were on the firm side.

To make a finer face powder
FACE POWDER BASE Z
To make a smoother, finer cold cream or tissue cream
PLASTOCREME
For odors that sell
AGFA PERFUME BASES
We will be glad to send samples on request
Agfa
AROMATICS DIVISION
GENERAL DRUG COMPANY
170 Varick Street, New York City
1220 W. Madison Street Chicago
907 Elliott Street Windsor, Ont.
Transportation Building, Los Angeles, Cal.

Coumarin.—Interest in the article was conservative so far as new orders were concerned. The larger manufacturing consumers seemed to have covered their requirements very well and hence the bulk of demand came from the smaller buyers. Prices were steady.

Ethyl Protocatechuis Aldehyde.—Despite the very low cost of vanillin, this article continued to find favor with some consumers attracted by the fact that while closely related to vanillin, it is said to be three times stronger. It sells at $5.15 per pound.

Eucalyptol.—Some signs of improvement in interest was noted. Trade has been very light most of this Summer and to this fact was attributed the fact that some suppliers found more inquiry last week. Many who had been aloof were forced to come into the market for moderately sized but more or less urgent requirements.

Eugenol.—In view of the recent reduction in quotations on clove oil, this article may ultimately move in favor of buyers but during the past week it remained steady in prices and in fair request.

Linalool.—The ordinary and special varieties of this item were in steady position. Sellers indicated that cost of replacement alone tended to keep spot selling prices steady and free from unsettlement. However, fair demand assisted in maintenance of values.

Methyl Benzoate.—Fly-spray manufacturers were takers in fair quantities, and the soap manufacturers' business was also up to that in recent weeks. Prices continued to be fully firm.

Musk.—The prices for the domestic article were maintained steadily but the general market position continued to be competitive because of the availability of foreign manufactures at competitive prices. Demand was about level with that prevalent for the past month.

Menthyl Salicylate.—The article continued to gain favor as a deterrent of violet rays in the sun. Cosmetic manufacturers of lotions and creams intended as a preventative of sunburn have built a very good business that, in turn, has led to well stabilized prices.

Safrol.—The domestic article held to steady price position and manufacturers reported a very good movement into consumption. Of course, there remained the competition which has been keen from Japanese sources.

Fritzsche Bros. 25-Year Club Augmented by Thomas Coyle

Thomas Coyle, one of the chief sales correspondents in the sales department of Fritzsche Brothers, essential oils and aromatic chemicals, this city, entered the company's Quarter of a Century Club on July 29. His service with the organization began July 30, 1913.

In celebration of the induction of its new member, the club held a luncheon at Charles Restaurant, presided over by F. H. Leonhardt, president of the company. Seven members of the club were present, the rest of the membership being unable to attend because of being absent from the city.

In token of the company's executives appreciation of Mr. Coyle's faithful service for twenty-five years, Mr. Leonhardt, acting for the executives, presented him with a government bond of substantial denomination. Mr. Leonhardt's presentation address lauded the club's new member highly for his accomplishments and achievements in the company's interest. Mr. Coyle's fellow employees expressed their good will and good wishes by giving him a gold wrist watch.

Those attending the luncheon, in addition to the guest of honor and Mr. Leonhardt were:—Miss Mary Neary, Miss Mae Caufield, Ralph R. Redanz, Francis Riley, and Robert Waugh. Other members of the club are:—William A. Welcke, George L. Ringel, and Ben F. Zimmer.

Obituaries

Henry J. Craig

Henry J. Craig, president of the former Sun Varnish Company, Louisville, Ky., died July 26 in that city. He was eighty-two years of age.

Mr. Craig, his sons, and Harry Schaefer, who had been in the varnish business at Indianapolis, came to Louisville a number of years ago, and took over the old T. T. Tramell varnish plant, which had been known as the Ohio Falls Varnish Works, and later as the Sun Varnish Company. Later Mr. Schaefer formed the Schaefer Company.

During the recent depression the Sun Varnish Company got into financial difficulties, and the Schaefer Company took over the plant, and moved its business from the Schaefer plant to the Sun plant, which became the Schaefer Varnish Company. Henry Craig had been inactive until about three years ago.

Surviving is his wife and five sons, Harry A. Craig, Franklin C., Lawrence B., Donald J. and Keneth C. Craig.

Walter L. Davol

Walter L. Davol, vice-president, secretary and assistant treasurer of the Davol Rubber Company, Providence, R. I., died unexpectedly from a heart attack August 2.

Born in Providence, Mr. Davol received his education at Worcester Academy and Brown University, and then was engaged in the distribution of automobiles. Soon after the United States entered the World war, he enlisted in the United States Navy, and was honorably discharged in 1919, and subsequently became associated with the Davol Rubber Company in the sales department. In 1933 he became assistant managing executive, and in 1936 assumed the added duties of assistant treasurer. In 1937 he was elected vice-president, secretary and assistant treasurer.

John E. Edgerton

John E. Edgerton, former president of the National Association of Manufacturers, died in his home in Lebanon, Tenn., August 4, following an illness of three weeks. He was fifty-eight years of age.

Born in Jackson county, North Carolina, Mr. Edgerton attended Vanderbilt College. He engaged in education work until he took charge of Lebanon Woolen Mills, of which he was president at the time of his death. He was made a director of the National Association of Manufacturers in 1916, and five years later he became president, being re-elected every subsequent year until 1931 when he resigned and became chairman of the board, serving for two years.

Edward V. Evans

Edward V. Evans general credit manager for the American Can Company, this city, died in a hospital in Montclair, N. J., August 3, following a brief illness. He was fifty-four years of age.

Born in West Dennis, Mass., Mr. Evans joined the American Can Company as an office boy in 1901, serving the company continuously until his death. Survivors are his widow, a son, a brother and a sister.

Dr.G.M.J. Mackay

Dr. G. M. Johnstone Mackay, director of the research laboratories of the American Cyanamid Company at Stamford, Conn., died from complications after an attack of pneumonia, July 29 in his summer home at Speculator, N. Y.

Born in Pictou, N. S., Dr. Mackay graduated from Dalhousie University, and he attended Massachusetts Institute of Technology. During the World War he worked on submarine detection methods at Newport, R. I. Previous to joining the American Cyanamid Company in 1933, Dr. Mackay was in charge of insulation research for the General Electric Company at Schenectady, N. Y., where he worked on the development of the incandescent lamp with Dr. Irving Langmuir.

Dr. Mackay was a former chairman of the Western Connecticut section of the American Chemical Society and he was a member of the committee on insulation of the National Research Council, the Nova Scotia Institute of Science, the American Institute of Chemists, and the American Physical Society. Surviving are his wife, two sons and a sister.

Thomas A. Aspell, a sales executive for the B. F. Goodrich Company, Akron, Ohio, died August 1 after a year of ill health. He was fifty-four years of age.

Frederick A. Clegg, at one time connected with the former Western Wholesale Drug Company, Los Angeles, died in a hospital in that city July 28. He was seventy-one years old and had been living in retirement for a number of years in Redondo Beach, Cal.

Robert Clifford Burnside, a member of the directorate of the New York Board of Trade, and president and founder of the Asbestolith Manufacturing Company, died of pneumonia in his home in this city August 3. He was seventy-one years of age. Surviving are his wife and two daughters.

Harry Clifford Crowell, secretary of the New York Board of Trade, died in his home in Flushing of apoplexy, July 29. He was fifty-five years of age. Mr. Crowell was also assistant to the chief engineer of the New York zone for the Pennsylvania Railroad Company.

Isaiah A. Gauntt, a pioneer in the glass making industry, died August 3 in Hammonton, N. J. He was eighty-two years of age.

Dr. A. E. H. Tutton, internationally known for his research on phosphorus products, crystallography and other subjects, died in England July 21. He was seventy-three years of age.

Fred Withers, Sr., assistant superintendent of the Peaslee-Gaulbert Paint & Varnish Company, Louisville, Ky., died July 29 in his home in New Albany, Ky., following a brief illness of a heart ailment. He was fifty-three years of age. Surviving are his wife, a son and three daughters.

Roy L. Wood, Western division sales manager for the Alabastine Company, paint manufacturer, Grand Rapids, Mich., died in his home in Minneapolis July 30.

Skelly Oil Co. Reports Profit for June Quarter

The Skelly Oil Company and subsidiaries reports for the quarter ended June 30, 1938, net profit of $613,471 after interest, depreciation, depletion, federal income taxes, etc., equivalent after quarterly dividend requirements on six percent preferred stock, to 52c. a share on 995,348 shares of common stock. This compares with $1,901,504, or $1.79 a share, on 1,006,348 common shares in June quarter of previous year and $664,770, or 56 cents a share on 1,003,948 common shares in quarter ended March 31, 1938. For six months ended June 30, last, net profit was $1,278,241, equal to $1.09 a share on common, comparing with $3,435,917, or $3.22 a share, in first half of 1937.

Dr. John C. Krantz, jr., professor of pharmacology at the School of Medicine, University of Maryland, will sail from New York August 4 on a six weeks' tour of England, France, Switzerland and other countries, and will present two papers before the International Physiological Congress meeting at Zurich.

WHITE OIL
U. S. P. and Technical.
For cosmetic, pharmaceutical and industrial uses.
PETROLATUM
Penreco U. S. P. Petrolatum. Ideal for cosmetic, medicinal and industrial uses. Color and texture made to your desire.
INSECTI-SOL
The perfect insecticide solvent. Water-white and crystal clear. Absolutely odorless. Insecticides made with INSECTI-SOL leave no oily residue.
PENNSYLVANIA REFINING CO.
BUTLER, PENNSYLVANIA

A. M. TODD CO.

Growers, Distillers and Refiners of
ESSENTIAL OILS
CRYSTAL WHITE — DOUBLE DISTILLED
PEPPERMINT, SPEARMINT, WINTERGREEN, Etc.
Main Office and Works
KALAMAZOO, MICH., U. S. A.

Petroleum Solvents, Lubricants, Fuels

Solvents and Industrial Products Attract Little Buying Support —Gasoline Strikes Lull—Local Refiners Invoke Fair Trade Act on Branded Gasoline Sales

Buyers of petroleum raw materials for industry gave the market little attention last week. Interest has moderated from the July rate of activity. Prices for these materials have a mixed tone. The solvents and naphthas were unchanged and the Midcontinent refiners still have divided ideas on tankcar values. Paraffin was continued at the low levels established last month. White mineral oils were being shaded in spots.

Gasoline encountered a lull. Activity in the Midcontinent slowed down during the week, and some of the refiners were limiting their runs to stills in an effort to hold the market stable. Tankwagon gasoline prices were advanced fractionally throughout the middle West last week, and the possible end of occasional price wars in the rich New York City market was signalized by the action of leading refiners, who invoked the Feld-Crawford fair trade law to regulate the sale price of branded gasoline.

Daily average production of crude oil in United States for the week ended July 30 was 3,316,400 barrels, a decrease of 32,650 barrels from the preceding week, according to the estimate of the American Petroleum Institute. The average for four weeks ended July 30 was 3,326,200 barrels, and the average at this time a year ago was 3,591,900 barrels. Crude runs to stills were reported to the A.P.I. by companies controlling 89 percent of the nation's refinery capacity as having averaged 2,930,000 barrels for 79.1 percent of refinery operation. An additional 310,000 barrels were estimated to have been sent to stills unreported for a total daily average of 3,240,000 barrels, against 3,180,000 barrels in the preceding week. The July, 1937, average was 3,380,000 barrels a day.

Solvents and Diluents

Conditions in the market for petroleum solvents and naphthas were not changed from a week ago. The Midcontinent producers still had divided ideas on tankcar prices, and so far the majority of the Midcontinent refiners has not followed the recent increase in prices that was instituted by one of the producers. The Eastern Market has not been influenced by the advance made by the aforementioned Midcontinent refiner. The demands of the market continued quite spotty and perhaps less active than a week ago.

Lacquer Diluents.—The Midcontinent market did not attract much buying interest. Most Midcontinent suppliers continued to quote 7⅜c. per gallon for tankcars, while one supplier posted ¼c. per pound above that level.

Petroleum Thinners.—The market at the Midcontinent ranged from 5⅜c. to 5⅝c. per gallon for tankcars, basis Group 3. Trade has moderated to a very spotty basis. The Eastern market was lacking in buying support and the price situation has not changed in recent weeks.

Rubber Solvents.—The movement of these solvents continued light. Prices at the Midcontinent ranged from 6⅜c. to 6⅝c. per gallon for tankcar lots, f.o.b. Group 3.

Stoddard Solvent.—There was a moderate sort of buying interest reported in the local market. The Midcontinent market continued unchanged with most sellers holding to the 5⅞c. per gallon price for tankcars against a 6⅛c. per gallon quotation named by one refiner.

V.M. & P. Naphthas.—Buying was very spotty. The price situation has not been altered during the past few weeks. In the Midcontinent district one refiner continued to quote tankcars at ¼c. per gallon over the 6⅜c. per gallon price named by most refiners. The Eastern market was unchanged in price.

Markets at Other Centers

Chicago, Aug. 4.—The petroleum solvent and diluent market has been quiet but holding its own in most cases. Trade is showing little change in nature from that in effect for some time. Buying has been moderate to good in various lines. The inquiries also have been good. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 4½c. to 4¾c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tankwagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.5c., tankwagon; rubber solvent, 6⅜c. to 6½c.; lacquer diluent, 7⅜c. to 7½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 16.2c., tankwagon; V.M.&P. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tankwagon.

Tulsa, Aug. 4.—There has been no change in the solvents market. The ¼c. spread continues. The Cleaners' and Stoddard are quoted at 6⅜c. to 6⅝c. per gallon.

Lighter Fractions

Petroleum hydrocarbons in the light gaseous group have more fundamental firmness because of the advanced position of natural gasoline. However, the producers of these materials have not reported any change in their places. The demands of the market continued in routine fashion.

Butanes.—The market for the 16-34 degree product in tankcar lots continued at 3¾c. per gallon, f.o.b. Group 3.

Heptanes.—The schedule of prices has not been changed in recent weeks. The market is based at 8½c. per gallon for mixed material and 1c. per gallon additional for the normal grade, both in tankcar lots, f.o.b. Group 3.

Pentanes.—Normal grade continued at the long standing basis of 8½c. per gallon for tankcars while drum cars were priced at 11½c. per gallon, f.o.b. Group 3.

Petrolatums and Waxes

White Mineral Oils.—The market's position was not altered from a week ago. Schedule prices continued without change and while some of the sellers said they were getting full prices on the limited number of sales made, others indicated that competitive influences were at work and that sales were being made at 2c. to 3c. per gallon below the schedule prices.

Paraffin Waxes.—The fully refined waxes passed the week without change and remained at the low levels established on July 21. There was not much life in the market and the withdrawals against contracts were also small. Scale wax continued to lean toward the stronger side, but there was still material available at 2¼c. per pound. Quotations ranged upward to 2.35c. per pound.

CHICAGO, Aug. 4.—The refined wax market has been quiet and has had a rather easy tone. Reports of lower prices have been current in the trade but the larger suppliers report themselves able to do business at current asked prices. Buying is said to be of fair proportions. Rulings prices are:—122-124, 4.25c. to 4.3c. per pound; 125-127, 4.35c. to 4.4c.; 127-129, 4.45c. to 4.5c.; 130-132, bulk or bag, 4.75c. to 4.8c.; 132-134, bulk or bag, 5c. to 5.05c.

TULSA, Aug. 4.—The movement continues at a high level and scale wax quotations are at the best level of the season. The tone is strong and the 124-126 grade is selling at 2¼c. to 2.35c. per pound.

Petrolatum.—The market's position did not change last week. Car-lot price held in a steady position. The makers of Summer pharmaceutical specialties have been in the market in a modest way.

Fuels and Lubricants

The outstanding event in the Eastern market was the news that leading refiners invoked the Feld-Crawford fair trade act for the sale of branded gasolines to dealers in New York, Kings, Bronx and Queens counties of the so-called New York City market. The move was instituted by one of the leading refiners in the area and was quickly followed by other sellers.

Tankwagon Price Changes

MIDDLE WEST.—Tankwagon gasoline prices were advanced 3/10c. per gallon, August 3, by leading marketers serving Michigan, Indiana, Illinois, Wisconsin, Minnesota, Iowa, Missouri and Kansas.

Market Conditions

Gasoline.—The "going" position of the local market remained at 6¾c. per gallon for tankcars of the 60-65 octane product at the refineries. Posted prices were 7c. per gallon for this grade and 7¼c. per gallon for the 65 octane product. The retail prices in the local market were still subject to competitive shading in spots but this is not likely to last for long as the result of the invocation of the Feld Crawford fair trade law by leading marketers in the local district. According to leading marketers here, retailers were cooperating readily. The export market at the U. S. Gulf has eased and sellers were offering U. S. motor and 60-62 material at 4¾c. to 4⅞c. per gallon, a reduction of ⅛c. per gallon. The 64-66, 375 e.p., grade at the Gulf was also off ⅛c. to the basis of 4⅞c. per gallon.

Kerosene.—The market here did not evidence much change last week. Tankcar lots of 41-43 water white material held at the recently advanced level of 4¾c. per gallon, basis refinery. The Gulf export market for prime white material remained unchanged at 3⅞c. per gallon while water white was advanced ⅛c. per gallon to basis of 4c. There was not much export business in the market.

Fuel and Gas Oils.—Heating oils were mildly active. No. 2 oil was available at less than the 6c. per gallon price that was generally posted. The price of Diesel oil held firm at the $1.75 per barrel basis established here a week ago.

Lubricating Oils.—Pennsylvania neutrals advanced ½c. per gallon at the beginning of the week. The 150 viscosity advanced to 16c. per gallon and 200 went up to 17c. per gallon. The 180 viscosity was more or less nominal at 16c. per gallon; there was not much of this grade being run at this time. Bright stocks were firm at 17c. per gallon at the Pennsylvania refineries. All of the aforementioned prices were inclusive of Federal tax.

Markets at Other Centers

Tulsa, Aug. 4.—Trading in the refined oil markets was of lower proportions this week as jobbers and other buyers were slow to send instructions on the material recently purchased. The lull extended to nearly all products, although it was more noticeable in motor fuel than in other products.

Despite the quiet, a strong tone was shown in most of the products with the exception of distillates which had recently been a strong spot. The latter were softer although no substantial volume of offerings were on the market. The tone was suffering more from a lack of orders. Refiners, however, continue of the disposition to store their gas oils until the Fall and Winter season.

The lack of decrease in gasoline inventories this week was a testimony to the slowness in shipments experienced through the district. The gain in inventories this week was quite a surprise in view of the heavy consumption that is being experienced throughout the country.

Refiners, however, are trying to restrict their runs and in Oklahoma several purchasers are still curtailing their buying. The comparison in consumption with last year reflects the refiner's position. In the highly industrialized areas of population, there has actually occurred a decline while in other parts of the country the increase has been varied to offset some of the loss and cause a net increase. Consequently those refiners distributing under these mixed conditions have had to readjust their runs periodically.

Following is a list of quotations prevailing in the Midcontinent field for the various products traded on the basis of Group 3 quotations:—

GASOLINE.—There is considerable firmness in all grades of Motor fuel with the U .S. Motor low octane grade quoted at 4½c. to 4⅝c. per gallon; 63-66 octane is

Outputs and Quotas

A comparison of Bureau of Mines calculations for July production, State allowable quotas where they exist and the American Petroleum Institute's estimate for crude production for the week ended July 30 follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	518,400	428,000	422,600
Kansas	172,300	165,000	154,000
Texas	1,360,300	†1,634,657	1,392,150
Louisiana ...	260,600	249,725	269,450
Arkansas ...	51,000	.....	57,000
Eastern	149,700	.....	142,400
Michigan ...	56,400	.....	51,100
Wyoming ...	55,500	.....	58,000
Montana	13,500	.....	13,850
Colorado	5,200	.....	3,700
New Mexico.	112,900	101,600	101,350
California ..	642,300	‡620,000	650,700
Totals	3,398,100	.....	3,316,400

* These are Bureau of Mines' calculations of the demand for domestic crude oil based upon certain premises outlined in its detailed forecast for the month of July. As demand may be supplied either from stocks or from new production, contemplated withdrawals from crude oil stocks must be deducted from the Bureau's estimate of demand to determine the amount of new crude oil to be produced.

† Effective July 26, Sunday shut-downs continued through July.

‡ Recommendation of Central Committee of California Oil Producers.

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline at the refineries was unchanged.

	Aug. 5	July 29	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.26	$1.26	$1.399
Gasoline prices at refineries (at four refining centers) per gallon	.050625	.050625	.056875

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

SHERWOOD'S PETROLATUMS
GUARANTEED QUALITY — ALL GRADES
SHERWOOD PETROLEUM COMPANY, INC.
REFINERY — WARREN, PA. MAIN OFFICE — BUSH TERMINAL, BROOKLYN, N. Y.

NEUTROLEUM
ALPHA
GAMMA
MAKES BAD ODORS VANISH!
A few drops of NEUTROLEUM will neutralize instantly the most offensive odors. Originally introduced for use in fly sprays and petroleum-base preparations, it is now proving its effectiveness in hundreds of totally different technical products. Its cost is negligible; its value immeasurable. If your product has a sales-retarding scent you can free it of this handicap. Investigate NEUTROLEUM.
FRITZSCHE BROTHERS, Inc.
PORT AUTHORITY COMMERCE BLDG., 76 NINTH AVENUE, NEW YORK, N. Y.
BRANCH STOCKS
BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.
FACTORIES AT CLIFTON, N. J. AND BELLAIRE (WARD) FRANCE

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1938 Jan. 1-Aug. 6	1937 Jan. 1-Aug. 6
Commercial crude oil production	719,361,000	742,531,000
	Week ended Aug. 6, 1938	Week ended Aug. 7, 1937
Daily average production	3,304,300	3,581,900
	Week ended July 30, 1938	Week ended July 23, 1938
Estimated motor fuel stock total	76,864,000	76,366,000
Estimated finished motor fuel stock at refineries	42,697,000	42,506,000

4¾c. to 4⅞c. per gallon, and the 67-69 grade at 4⅞c. to 5⅛c. per gallon. The 70-72 top grade is 5⅛c. to 5⅜c. per gallon.

KEROSENE.—The slow movement is affecting this product although quotations remain unchanged with the 41-43 grade available at 4c. per gallon and with contract prices up to 4¼c. per gallon. The 42-44 grade is from 4¼c. to 4½c. per gallon with spot going at 4c. to 4⅛c. per gallon.

DISTILLATES.—While no important weakness has developed there is some softness noticeable in the tone of the market. No. 1 prime white is available at 3¾c. to 3⅞c. per gallon while the straw is 3¾c. per gallon. The No. 2 is unchanged while the 36-38 material is 3⅝c. per gallon and the gas oils are 3c. to 3¼c. per gallon depending upon the grade.

NATURAL GASOLINE.—The market is exceedingly strong, although volume has also become smaller in this product. The 26-70 is quoted at 3c. to 3⅛c. per gallon with the higher quotations in Texas. The 18 pound material is 3⅜c. to 3½c. per gallon and the 12 pound at 4½c. per gallon.

FUEL OILS.—No change has developed in these grades with the same weakness that has characterized trading during the past few weeks still existing. The residuals are unchanged with quotations 37½c. to 65c. per barrel and the higher gravity of 24-28 zero cold test at $1 per barrel. The high cold test is 80c. to 85c. per barrel.

LUBRICANTS.—The market is quiet with export business picking up somewhat. The tone is still draggy with quotations unchanged although some concessions are still being made.

Chicago, Aug. 4.—Tone of the tankcar gasoline market in the Middlewest was improved by announcement of three-tenths cent advance in tankwagon prices in the area by a number of major companies around mid-week. At that time it still was uncertain whether the advance would be universal. Earlier there has been some little irregularity. Consumption is reported running around best levels of the year, and probably near parity with best marks of last year. Farm area demand for kerosene and related products is holding its own. Kerosene in tankcar lots, however, recently declined. Domestic fuels are quiet but firm. Industrial fuels are a little better than recently. Lubricating oils have been firming of late.

GASOLINE.—Low octane motor, 4¾c. to 4⅞c. per gallon; 63-66 octane motor, 5c. to 5⅛c.; 67-69 octane motor, 5¼c. to 5⅜c.; 70-72 octane regular, 5½c. to 5⅝c.; 60-62, 400, 4¾c. to 4⅞c.; 64-66, 375, 4¾c. to 5c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—41-43, water white, 4⅛c. to 4⅜c. per gallon; 42-44, water white, 4⅜c. to 4⅝c.

FURNACE OILS.—Range oil, 3⅞c. to 4⅛c. per gallon; No. 1 prime, 3¾c. to 4c.; No. 1 straw, 3⅝c. to 3¾c.; No. 2 straw, 3½c. to 3⅝c.; No. 2 dark, 3⅛c. to 3½c.; No. 3, 3¼c. to 3⅜c.; 32-66, dark, industrial gas oil, 2⅞c. to 3c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Aug. 2.—Firmness was again the keynote of the domestic market during the past week, with all prices remaining stationary. Foreign inquiries and exports were good. U. S. motor gasoline was quoted at 6⅛c.; U. S. motor below 62 octane at 6⅛c.; 63-67 octane at 6⅜c., and 68-70 octane at 6¾c.—all prices being on a per gallon basis at refinery.

Kerosene continued to be quoted at 7⅝c. per gallon at refinery.

Bunker C fuel oil was quoted at 75c. per barrel at terminal and 80c. per barrel delivered alongside, while industrial plants were quoted at the rate of $1.46 per barrel, delivered.

GUMS *and* WAXES
directly from the MANUFACTURER *and* REFINER!

ISCO Gums and Waxes are refined in our Jersey City plant, shown at right. Buying from us you deal directly with the Manufacturer and Refiner. You cannot do better anywhere.

ISCO Pure Refined CARNAUBA WAX—Light color. Melting point 183-184½° Far. Flake and Lump.

ISCO Double Refined CANDELILLA WAX—Flake and Lump Form.

ISCO BEESWAX — Yellow Refined; Technical and U. S. P.—White Sunbleached, U. S. P.

CERESINES (domestic) White — Yellow — Orange.

. . . and WATER SOLUBLE GUMS

KARAYA • TRAGACANTH • ARABIC • LOCUST BEAN

If in doubt as to what will best suit your special need, write us for information.

Samples and Quotations gladly submitted

INNIS, SPEIDEN & CO.
Manufacturers and Importers
117 Liberty Street New York
BOSTON · PHILADELPHIA · CLEVELAND · CHICAGO
GLOVERSVILLE, N. Y.
FACTORIES: JERSEY CITY, N. J., NIAGARA FALLS, N. Y.

Oils, Fats and Waxes

Fats and Greases

—Continued from page 45

Markets at Other Centers

Chicago, Aug. 5.—The cash lard market has been fairly active. Greases are quiet. Stearins have been holding their own without difficulty.

The range of lard quotations from the opening Saturday, July 30, to the close Friday, August 5, is shown in the following table:—

	Per 100 pounds				
	Open.	High.	Low.	Close.	Previous Friday.
Cash	$8.75	$8.75	$8.52	$8.60	$8.75
October	8.87	8.90	8.50	8.67	8.87
December	8.72	8.75	8.40	8.52	8.72

TALLOWS (tierces).—Edible, 7¼c. to 7½c. per pound; prime, 5¾c. to 6c.; fancy, 5⅞c. to 6⅛c.; special, 5½c. to 5⅝c.; No. 1, 5¼c. to 5⅜c.

GREASES (barrels).—Choice white, 5¾c. to 5⅞c. per pound; A white, 5½c. to 5⅝c.; B white, 5⅜c. to 5½c.; yellow, 10-16, 5¼c. to 5⅜c.; yellow, 16-20, 5c. to 5¼c.; brown, 4¾c. to 5c.

STEARINS (barrels).—Prime oleo, 7½c. to 7¾c. per pound; lard, packages, 9¼c. to 9½c.; A white grease, 5⅜c. to 5½c.; yellow grease, 5⅛c. to 5¼c.; extra oleo stocks, 8¾c. to 9c.; No. 2 stocks, 8½c. to 8¾c.

Liverpool, Aug. 5.—Quotations per cwt. on refined American lard were as follows:—

	Spot.	September.	October.
	s. d.	s. d.	s. d.
*Saturday	.. ..	.. ..	.. ..
*Monday	.. ..	.. ..	.. ..
Tuesday	47 0	43 3	43 9
Wednesday	47 6	44 0	44 9
Thursday	47 6	43 6	44 3
Friday	47 6	43 6	44 3

* Holidays.

Liverpool, Aug. 5.—Quotations per cwt. on tallow were as follows:—

	Choice.	Fine, good mixed.
	s. d.	s. d.
*Saturday	.. ..	.. ..
*Monday	.. ..	.. ..
Tuesday	21 6	19 0
Wednesday	21 6	19 0
Thursday	21 6	19 0
Friday	21 6	19 0

* Holidays.

Animal Oils

Degras.—The market retained a firm tone. Supplies of domestic product were reported as small and offerings of imported generally light. Domestic production during the quarter ended with June was 1,001,052 pounds; consumption 842,325 pounds; factory and warehouse stocks at close of June, 1,698,387 pounds. Importations during the June quarter were 364,272 pounds.

Lard. — Quotations on the lower grades were ¼c. lower to ¼c. higher. There was a fair movement into local and outside consuming channels. Domestic production during the quarter ended with June was 5,450,508 pounds; consumption 2,715,455 pounds; factory and warehouse stocks at close of June, 8,310,173 pounds.

Neatsfoot.—Prices were unchanged to ¼c. higher. There was a fair demand for moderate quantities. Domestic production during June quarter, 819,855 pounds; consumption, 947,990 pounds; factory and warehouse stocks at close of June, 1,507,674 pounds.

Oleo.—Demand showed some improvement though consumers were not inclined to purchase ahead. Prices were steady. Domestic production during the quarter ended with June, 22,274,270 pounds; consumption, 3,666,304 pounds; factory and warehouse stocks at close of June, 3,057,185 pounds.

Markets at Other Centers

Chicago, Aug. 5.—No change of importance has developed in the animal oils market. Inquiries are coming in moderately.

LARD.—No. 1, 8½c. to 8¾c. per pound.
OLEO.—No. 2, 8½c. to 9c. per pound.
TALLOW.—Acidless, 7½c. to 8c. per pound, tanks; and 8¼c. to 8¾c.

Waxes

Bees.—Trade was moderate to light. Buyers bought little in excess of their fairly closeby requirements and, hence, volume was conservative. Bleaching wax was fairly firm in price but the African crude wax was still unsettled. Refined and yellow waxes were well held as to price and had a fair call.

Candelilla.—Moderate trade was reported. The most important angle of the market was the reported fact that Mexico has stopped the leaks through which wax had been exported at prices less than the official export figure set by the cartel of producers. If that proves to be actually fact, an improvement in spot quotations may eventually be forced.

Carnauba.—Firm undertones governed the spot where surplus stocks have been rather thoroughly taken out of the market. Most sellers view present prices as being too low and when compared with the strongly maintained values in Brazil, such may be the case. There was a fair amount of business done locally last week and volume was sufficient to give full suport to the market as quoted.

Japan.—Difficulty in getting shipments from Japan comprised the strongest element in the market. There was also a fair request, though sales were believed not to have been quite so large as they were in the previous trading period. Locally, values were very steady.

Soap Weight-Loss Adjustments Helped

In its report to the American Society for Testing Materials at the recent annual meeting committee D-12 on soaps and detergents pointed out that the specification it has developed provide an equitable basis for payment for soap, a matter that has presented a difficult problem in the industry and caused losses to shippers. Because soap dries rapidly, deliveries may be short-weight although still contain all the original soap content. The A.S.T.M. specifications developed by committee D-12 provide methods for settlement, taking into account loss of weight resulting from the drying out of moisture by making allowances for the consequent increased percentage of soap contents in delivery.

Committee D-12 reported to the society four new tentative specifications covering (1) white floating toilet soap, (2) chip soap, (3) powdered laundry soap, and (4) ordinary laundry bar soap. The committee also offered new tentative standards comprising methods of test for particle size of soaps and other detergents, determination of combined sodium and potassium oxides in soaps, chemical analysis of sulphonated oils, and chemical analysis of special detergents.

Acceptance of a recommendation to adopt as standard the tentative methods of sampling and analysis of soaps and soap products was deferred, pending some clarification of requirements on the apparatus used. During the coming year the committee plans to consider additional definitions and specifications for soap powders and built soaps and will continue its active work on certain other important problems, including standardized requirements for dry-cleaning and metal-cleaning detergents, and also for soaps for textiles.

Swift & Co. Antitrust Case in Texas Settled

Austin, Tex., Aug. 4, 1938

The antitrust case of the State of Texas against Swift & Co., meat packers, Chicago, which has been pending in the courts for twenty-two years, has been settled. District Judge Archer signed permitting the company to do business in Texas, under trusteeship. The order further permits the company to continue to operate a number of cottonseed oil mills and cotton gins in various parts of the State.

The settlement terms also provide for the company to fulfill its contract for the purchase of ten additional cottonseed oil mills, forty gins and six gin sites from the M. E. Singleton estate for $1,250,000 and to expend an additional $2,500,000 in remodeling the mills and gins now owned by the company.

John F. Keller, of the New York office of the Archer-Daniels-Midland Company, linseed crusher, Minneapolis, left August 6 for a vacation in the Pocono Mountains, Pa.

CRESYLIC ACID
English A.D.F. Specification
JAPAN WAX
FATTY ACIDS
All Kinds
CARNAUBA WAX
T. G. COOPER & CO., Inc., 47-49 N. Second St., Philadelphia, Pa.

Fertilizer Materials

Trading Returns to Very Quiet State—Rough Ammoniates Lack Buying Support—Sulphate of Ammonia Tight For Early Delivery Months

The plant food materials market has returned to a quiet state. Toward the latter part of the week prices for rough ammoniates had a tendency toward topping off under the lack of buying support. This group contained some advances made during the fore part of the week but as the week progressed the sellers found it increasingly difficult to move the materials. The feature of the organic market was the appearance of offerings of nitrogenous material from domestic sources after an absence of several weeks.

Sulphate of ammonia attracted most attention in the mineral ammoniate group. The mills are fairly well sold up for the early delivery positions, and in some instances certain ovens are said to be sold up to the end of 1938. Steel mill operations registered further improvement to an estimated rate of 39.8 percent of capacity, and if the improvements on the production side of the market are sustained, the market's present tight position may be relieved for the Fall months. In the meanwhile, tonnage buyers in need of supplies for August, September and October position would have to do considerable shopping around the market to obtain any substantial supply.

Because of heavy weevil infestation, the trade was anxiously awaiting the appearance of the August cotton report.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, dom., Chicago, 10c. per unit-ton.
Fish scrap, Japanese sardine, $1.50 per ton.
Sulphate of ammonia, August, 25c. per ton.
Tankage, dom., Chicago, fert. grade, 10c. per unit-ton.

Reduced

Blood, import, 10c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.4

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—As reported previously, the sellers are offering material for August delivery only. The prices named for delivery this month are the same as those that were in force during July and for some time further back. There is not very much material moving at this time. Sales of Chilean nitrate during the fiscal year ended June 30, 1938, were approximately the same as during the 1936-37 season (1,533,767 metric tons), and final reports may even show an increase of between 5 percent and 10 percent, according to a Department of Commerce report from Santiago. Principal sales declines were reported in the United States and Egypt. The loss in Egypt was due more to the stock situation at the beginning of the season than to the actual drop in consumption. These losses were counterbalanced by increased sales in Germany, France, Denmark, Spain and Sweden. An increase in production of approximately 150,000 tons over the 1936-37 season (1,305,220 tons) is indicated. The production trend in Chile is definitely upward, due to the necessity of replacing the stocks which are being liquidated under provisions of the nitrate reorganization law.

Sulphate of Ammonia.—The July price expired before the opening of business last week and the best price available now is the August figure of $26.75 per ton for material in bulk, f.o.b. cars at the ports, or $1 per ton less at inland producing ovens. Sulphate for August delivery is not obtainable in many directions and some of the most important mills are sold out through October. A few are said to be sold up through the remainder of 1938. If the recent improvements in the production rate are sustained, supplies for the Fall delivery positions may be larger than the present apparent supply for the Fall months. June export figures show deliveries of 7,156 tons to Puerto Rico, 1,000 tons to South Africa, and small amounts elsewhere.

Dried Blood.—Importers lowered their offering price to $3.25 per unit, c.i.f. This was a reduction of 10c. from the asked price a week ago. The $3.35 price had failed to attract any buying interest. The Chicago market continued strong and $3.10 to $3.25 per unit was quoted in the latter part of the week. The $3.10 figure was 10c. higher than a week ago. In New York the market was $3.10 per unit, unchanged from a week ago.

Fish Scrap.—Japanese sardine meal was quoted at $44.50 per ton for shipment from abroad, basis c.i.f. As reported in the late market summary of last week's issue, this figure was quoted just before the close a week ago, but so far as can be learned there have been no trades at this level, which is $1.50 per ton higher than previous asking prices. The domestic menhaden scrap market at the Chesapeake factories was unchanged at $3.25 and 10c. per unit-ton, f.o.b. factories.

Nitrogenous Material.—Some of the sellers were back in the market. Material was offered from Norfolk at $2.65 to $2.75 per unit, depending on the shipment. The market at Chemical, Ill., was named at $2.35 to $2.45 per unit, also depending upon the shipment.

Tankage.—Fertilizer grade material in Chicago moved higher to $2.75 and 10c. per unit-ton, an advance of 10c. over the preceding week's price. The New York market was idle through most of the week, and there were no sales reported at the asked figure of $3 and 10c. per unit-ton for either ground or unground.

Potashes

Agricultural potash salts continued in very quiet fashion. The deliveries against contracts booked at the maximum discounts furnished the only activity in the market, and they are moving along at about the rate that the sellers had expected. There is no new business in the market and there is not likely to be much until the end of next month, when the current discount allowance expires. Orders placed prior to October 1 for spot delivery or for delivery in approximately equal monthly quantities through December are subject to 5 percent discount.

Phosphates

According to the Baltimore report the price of superphosphate has been increased 5c. per unit at all Southern ports from Norfolk southward. Otherwise the phosphate materials were unchanged in price. Some traders expected that imported bone products might reflect the decline in the pound sterling, but up to this writing there was no change in the market.

Bone Materials.—Domestic bone products in Chicago continued in an even position. The foreign markets seemed steady, although some operators in the market believed that some softness might result from the decline in exchange values of the pound. There was not much buying interest.

Superphosphate.—The Baltimore market remained unchanged at $7.50 per ton for the run of the pile and $8 per ton for guaranteed 16 percent, both in bulk, f.o.b. cars or boats. According to the report from Baltimore, prices at all ports from Norfolk southward were advanced 5c. per unit.

Sulphur and Pyrites

There has not been much improvement in calls for deliveries against contracts. The sulphur producers are uniformly optimistic over prospects for Fall business, but as yet the actual improvements in takings have been scattered. Pricewise the market has been unchanged.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Markets at Other Centers

Atlanta, Aug. 4.—The demand for fertilizer materials was quiet. The organic ammoniate market lacks interest in the South, the attitude seemingly is that of waiting. Interest is reported in sulphate of ammonia, but southern output is reported covered till October.

Fertilizer manufacturers are holding off additional materials purchase because of the crop outlook. The outlook is poor in cotton because of frequent rains and boll weevil infestation.

Quotations of fertilizer materials in this market are as follows:—

SUPERPHOSPHATE.—$8.40 per ton, interior producing points.

SULPHATE OF AMMONIA. — $25.75, southern producing points; $26.75, ports.

COTTONSEED MEAL.—8 percent grade, $25 per ton, interior mills.

Baltimore, Aug. 4.—Quiet continued in the market for crude fertilizer materials, but interest was close to the market. Quotations were as follows:—

FISH SCRAP.—The operations of the menhaden fleet are spotty, with weather conditions affecting the size of the hauls. Quotations for unground continued at $3.25 and 10c. per unit-ton. Japanese sardine meal stands at $43 to $44 per ton, c.i.f. shipment.

TANKAGE.—$3 and 10c. per unit-ton quoted.

BLOOD.—Domestic, $3 per unit-ton; South American, $3.25 per unit-ton, c.i.f.

SUPERPHOSPHATE.—The only change in the market is that the price has been advanced 5c. per unit for all Southern ports from Norfolk down, which means an addition of 80c. per ton. For Baltimore the quotations remain at $7.50 per ton for run of pile and at $8 per ton for 16 percent milled and screened stocks.

BONE.—$21 per ton, for 1 and 60; $23.50 per ton for 3 and 50 ground steamed, and $28 to $30 per ton asked for 4½ and 50 ground raw stocks.

Chicago, Aug. 4.—A comparatively strong market exists in the organic fertilizer material situation. Buying has been fairly good, and there has been an inclination for higher prices, or at least a stronger tone. Blood is ruling fairly steady, with most sellers holding firm. Bone materials are quiet but showing no tendency to weaken. Tankage is moving out fairly well.

BLOOD.—Principal grade, $3.05 to $3.10 per unit of ammonia.

TANKAGE.—High grade, ground, $2.70 to $2.75 and 10c.; low grade, $19 to $21; hoof meal, $2.50 to $2.65; liquid stick, $1.95 to $2.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $19 to $20; 3 and 50 percent, $23 to $25; 4½ and 50 percent, $27 to $29; grinding hoofs, pigs' toes and waste horn materials, $40 to $45, mostly nominal; cattle jaws, skulls and knuckles, $18 to $19; pork cracklings, soft pressed, $40 to $45; beef cracklings, soft pressed, $32.50 to $37.50; hard pressed cracklings, per unit of ammonia, 65c. to 70c.

San Francisco, Aug. 2.—Further contracting on chemical fertilizers for the coming yearly seasonal requirements of mixers and growers was noted last week. By now the largest part of the needs of the trade has been written up, according to what is learned from both buyers and sellers. Organics were reported as fairly quiet last week. Fish meal has been particularly slow just lately, in spite of the fact that fish reduction operations are now in full swing in Oregon and Washington and the season has started in California. Tankage and blood are fairly quiet, but packing houses state they are moving out every ton promptly to fill business already on hand.

Ruling prices were:—

SULPHATE OF AMMONIA.—Quoted in 100-pound bags at $31.50 per ton, port basis, San Francisco and/or Los Angeles harbor. Inland points, delivered, $1 per ton extra. Prices in effect through June, 1939.

NITRATE OF SODA.—100-pound bags, $29 per ton ex vessel or warehouse, San Francisco/Oakland. 200-pound bags, $28.30 per ton, ex vessel or warehouse, San Francisco/Oakland.

SUPERPHOSPHATE.—Domestic, 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, quoted at 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE.—Quoted at $40 per ton, single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra.

FISH MEAL.—California sardine meal, new season, early delivery, is quoted on the basis of $40 per ton, f.o.b. production point. Later delivery indicated at $38.50. Spot meal, old season, quoted on the basis of $46 per ton, f.o.b. cars, San Francisco/Monterey and $45 per ton Los Angeles.

TANKAGE.—Domestic fertilizer grade, wet rendered, quoted on the basis of $2.80 and 10c. per unit ton, nominally, f.o.b. cars, Los Angeles. Higher grades, quoted at $3.10 and 10c. Dry rendered, ground, quoted on the basis of $37.50 per ton, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 60c. per unit of protein.

BLOOD MEAL.—Domestic blood meal is quoted on the basis of $2.90 to $3.00 per unit, f.o.b. cars, Los Angeles.

C.S. Edwards Forms Company To Sell By-Product Ammonia

Nitrogen Products, Inc., a New York corporation, has been organized and is operating with headquarters at 2 West 46th street, this city, to deal in by-product ammonia. Chester S. Edwards is president of the corporation. Mr. Edwards is widely known in the by-product ammonia field, having been associated with the Barrett Company, this city, for eighteen years, in charge of the sales agency division of the company under E. W. Clark, president.

Sweden Plans Phosphorous Fertilizers from Apatite Study

The Swedish government recently granted an appropriation of 5,000 crowns for the purpose of investigating the possibilities of manufacturing phosphorus fertilizers from Swedish apatite, according to a report to the Department of Commerce by the office of the American commercial attache at Stockholm.

Swift & Co., Chicago, has taken out building permits for the erection of a fertilizer plant in Los Angeles. The new structure will cost $19,000.

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

SUNSHINE STATE POTASH U.S.A.
A PRODUCT OF NEW MEXICO U.S.A.
REG. U. S. PAT. OFF.
MURIATE OF POTASH
62/63% K_2O, ALSO 50% K_2O
MANURE SALTS
Approximately 30% K_2O
UNITED STATES POTASH COMPANY
INCORPORATED
30 Rockefeller Plaza
New York, N. Y.

Scientific and Professional Services

Alexander, Jerome
Consulting Chemist and Chemical Engineer
Especial experience in colloid chemistry and its applications. Representation for Patents, Processes, Products and Apparatus. Research Advice, Investigations, Expert Testimony.
50 East 41st Street New York City
Member:—Association of Consulting Chemists and Chemical Engineers

Philip B. Hawk, Ph.D., Pres. Bernard L. Oser, Ph.D., Dir.
FOOD RESEARCH LABORATORIES, INC.
114 E. 32nd Street, New York
Research — Consultation — Testimony
FOODS — DRUGS — COSMETICS
SPECIALISTS IN VITAMINS
Members Association of Consulting Chemists and Chemical Engineers
Write for "Science at Your Service"

GOODMAN, REX, M.D.
Formerly Medical Officer, Drug Division Food and Drug Administration, Washington
Consultant
Labeling and Advertising of Drug Preparations, Cosmetics, etc., under the Federal Food and Drugs Act and Law Enforced by Federal Trade Commission.
Cary . . . . . Mississippi

Charles H. LaWall Joseph W. E. Harrisson
LAWALL AND HARRISSON
Analytical and Consulting Chemists
Pharmaceutical and Chemical Research. Process and Formula Development. Food, Drug and Water Analyses. Legal Testimony.
214 So. 12th Street, Philadelphia, Pa.

Pease Laboratories, Inc.
CHEMISTS SANITARIANS BACTERIOLOGISTS
ANALYSTS SCIENTIFIC LIBRARY SERVICE
MEDICAL ADVERTISING AND TECHNICAL CONSULTANTS
39 West 38th Street . . . . . New York

Protect Your Ideas By PATENTS
Call or send me a sketch or simple model
WHAT IS YOUR INVENTION?
Z. H. Polachek 1234 BROADWAY NEW YORK PATENT ATTORNEY ENGINEER CONFIDENTIAL ADVICE
Register Your TRADE MARKS
U. S. Pat. Off. records searched ANY Invention or Trade Mark
FREE CONSULTATION LITERATURE
Phone LOngacre 5-3088

W. S. Purdy Co., Inc.
ANALYTICAL AND CONSULTING CHEMISTS
Petroleum Oils, Waxes, Greases, Soaps, Fuel Oils, Coal
Phone HAnover 2-3772
128 Water Street New York City, N. Y.

Sadtler, Samuel P., & Son, Inc.
Research and Analytical Chemists
CHEMICAL ENGINEERS
Patent and Legal Testimony
210 South 13th Street.....Philadelphia, Pa.
"Nothing Pays Like Research"

BACTERIOLOGY
Research Routine
Industrial Medical
LELAND BROWN LABORATORIES
6816 Market St. Upper Darby, Pa.

Barsky & Strauss, Inc.
Chemists and Chemical Engineers
202 East 44th Street
New York City
Telephone MUrray Hill 2-3689 Cable Address "Barstra"

Bureau of Chemistry
New York Produce Exchange
H. B. Trevithick, Ph. B., B. S.
2 Broadway New York
Cottonseed Oil, Oils, Greases, Soaps, Turpentine, Glycerine, Cattle Feeds, Spices, Chemicals, etc.
Consultation—Research.

Calvert, Robert
Registered Patent Attorney since 1930
CHEMICAL PATENTS
Particularly experienced in Plastics, Resins, Cellulose Derivatives, Lacquers, Solvents, Petroleum Synthetics, Miscellaneous Products.
50 E. 41st St., N. Y. LEx. 2-7649

Michael J. Carpinello, Inc.
OFFICIAL and LICENSED SAMPLERS, WEIGHERS, and INSPECTORS
Members N. Y. Produce Exchange, Oil Trades Association of N. Y.
Official Weighers, Inspectors and Samplers for the N. Y. Produce Exchange, the National Cottonseed Products Assn., the N. Y. Cocoa Exchange, Inc.
2 Broadway, New York. Tel. BO. 9-0416

Collapsible Tube Filling
Ointments, Lubricants, Adhesives, Polishes, Cosmetics, Dental Creams, etc.
Your material or ours. Manufacturing facilities from 1 gross up. Complete packaging if you wish. Reasonable rates. Let us quote you.
Day Chemical Co. 480 Washington St.
Irving Biber, Ph.G. Newark, N. J.

Ellis-Foster Company
Established 1907
Research and Consulting Chemists
Specializing in Synthetic Resins and their Plastics and Related Subjects
98 Greenwood Ave. Montclair, N. J.
Telephone—Montclair 2-3510

ANTI-KNOCK VALUE DETERMINATIONS
The Gray Industrial Laboratories
Chemists and Engineers
Specialists on Petroleum Products
961-976 Frelinghuysen Ave., Newark, N. J.
Telephone: BIgelow 3-4020

Hochstadter Laboratories, Inc.
Chemical Analyses, Consultants, Technical Experts, Investigations, Litigation.
Coals, Oils, Water, Foodstuffs, Gelatine, Beverages, Dairy Products, Confectionery, Drugs, Minerals, Textile Materials, etc.
Phone LOngacre 5-5260—5261.
254 West 31st St. New York

DRAWBACK SPECIALISTS
We specialize in the collection of drawback refunds of duty or tax paid on materials used in the manufacture of products for export.
C. J. Holt & Co., Inc.
8-10 Bridge Street New York, N. Y.
Phone BOwling Green 9-6841

INDUSTRIAL CONSULTING LABS., Inc.
Consulting Chemists
Paints, Varnishes, Lacquers
128 Water Street HAnover 2-1999

If Your Professional Card were here others would be reading it now.
Send for rates.
Oil, Paint and Drug Reporter
59 John Street, New York

Knight, B. H.
Analytical and Consulting Chemist
50 East 41st Street New York
OFFICIAL ANALYST
U. S. Shellac Importers Assoc.
Am. Bleached Shellac Mfrs. Assoc.

Laning Company, E. M., Inc.
Consulting Chemists
Specializing in Perfume, Toilet Preparations, Pharmaceuticals and Flavors Exclusively. Formulas Perfected. Problems Solved. Plants Equipped.
433 Stuyvesant Ave., Irvington, N. J.
Phone ES. 2-8433
E. M. Laning, B. Sc., President
Robert C. Pursell, Phar. D., V-Pres.

Miel, George A.
Analytical & Consulting Chemists
Specializing in the:
Physical and Chemical Analysis of Paints, Varnishes, Shellacs, and materials of the Paint Industry.
128 Water Street HAnover 2-9096

Molnar Laboratories
Chemists—Bacteriologists
Beverages, Oils, Foods, Drugs, Water Analyzed, Toxicological Studies.
Nicholas M. Molnar, M.S., F.A.I.C.
Member Assn. Consulting Chemists
211 E. 19th St. New York City
GRamercy 5-1030

Munch, James C., Ph.D.
Consultant and Laboratory Service Pharmacology and Bioassays
Bioassays, U.S.P. and other methods. Abstracts of the literature.
Pharmacological study of new drugs. Toxicity determinations.
Developments of new methods of assay.
6816 Market St., Upper Darby, Penna.

Orthmann Laboratories, Inc.
AUG. C. ORTHMANN, Director
Specialists in Leather and Allied Industries.
Consulting, Analytical and Research
847 W. Virginia Street, Milwaukee, Wis.

Schwarz Laboratories, Inc.
Analysts — Biologists — Consultants
BEVERAGES, EDIBLE OILS
ESSENTIAL OILS, FOODS, WATER
202 East 44th Street New York, N. Y.
MUrray Hill 2-0007

Seil, Putt & Rusby, Inc.
H. A. Seil, Ph. D., Earl B. Putt, Ph. C., B. Sc.
SPR
Analytical and Consulting Chemists
Drugs, Spices, Essential Oils, Flavoring Extracts, Foods, Beverages.
Phone AShland 4-4343.
16 East 34th St. New York City

ADHESIVE SPECIALIST
IRA I. SLOMON
For New and Original Ideas
L. I. City, N. Y.

Snell, Inc., Foster D.
CHEMISTS—ENGINEERS
Every form of chemical service.
305 Washington St. Brooklyn, N. Y.

Stillwell & Gladding Established 1868
Analytical and Consulting Chemists
Oils, Soaps, Fats, Paints, Varnishes, Drugs, Gums, Foods, Glycerine, Turpentine, Waxes, Spices, etc.
Member Association Consulting Chemists and Chemical Engineers
130 Cedar Street New York

TRANSLATIONS
Authoritative Translations from and into French, German, Italian, Portuguese, Spanish, etc.
All Chemical Subjects: Organic and Inorganic Chemistry, Petroleum, etc.
EXPORTERS' & MANUFACTURERS' TRANSLATION BUREAU
Chemical Dept.
11 W. 42nd St., New York City
BRyant 9-5106

Vorce, L. D.
Chemical Engineer
Electrolytic Cells
Chlorine, Caustic, Hydrogen.
20 Norman Road Montclair, N. J.
Telephone 2-4516

Weiss and Downs, Inc.
Chemical Engineers
SYNTHETIC PHENOL
50 East 41st Street
New York, N. Y.

Wiley & Co., Inc.
Analytical and Consulting Chemists
Specializing in analysis of beverages, fertilizers, phosphates, wood pulp, coal and coke, feeding materials, etc.
Calvert and Read Streets, Baltimore, Md.

DR. J. EHRLICH, from 1917 to 1937 chief chemist of the Verona Chemical Co., Newark, N. J., has disposed of his interest in this firm, which is now known as Verona Laboratories, Inc.

His present office is at 232 Overlook Ave., Bellville, N. J. During the Fall of this year he will establish a consulting laboratory at Los Angeles, California, and will come East periodically to advise with clients.

This notice refers in no way to the present Verona Chemical Co., Newark, N. J., which is a different corporation that purchased certain assests of the old company.

Trade Briefs

Associated Petroleum Industries of Pennsylvania has completed plans for the formation of a Venango county branch.

George A. Whiting, president of the Standard Wholesale Phosphate & Acid Works, Baltimore, has petitioned the National Fertilizer Association to authorize giving Richmond, Va., the status of a port.

Wolf Drug Company, retailer, Newark, N. J., was directed August 2 by Vice-Chancellor Bigelow to show cause August 9 why it should not be restrained from selling products of the Anacin Company at prices less than those fixed by the manufacturer in contracts under the State fair trade act.

Producers & Refiners Company, Kansas City, will erect an oil refinery at Shelby, Mont., at an estimated cost of $600,000.

Pfaltz and Bauer, Inc., Empire State building, this city, has issued a new price list on perfume bases, specialties, and natural flower oils.

Medicinal and toiletry manufacturers in Denmark have been listed by the Bureau of Foreign and Domestic Commerce, Washington, D. C. The list is available to accredited American firms at ten cents a copy.

Pratt & Lambert, Inc., paint manufacturer, Buffalo, N. Y., annual picnic for its employees was held August 6 at the Automobile Club, Clarence, N. Y. Employees of the Canadian factory at Fort Erie also attended.

Hirshberg Paint Company, with plant and warehouse on West Pratt street and a plant on Warner street, Baltimore, has contracted for the erection of a warehouse and office at 400-54 Warner street, 66 by 159 feet, at an estimated cost of $15,000.

James B. Horner & Co., essential oils, this city, has issued its latest price list and makes therein the comment that with prices generally moving upward, and with the results of semi-annual stock-taking tending to enhance this trend, consumers should check stocks carefully at this time.

Atlantic Refining Company, Philadelphia, Pa., plans to increase its authorized common stock to 5,000,000 shares from 4,000,000 shares. The company's currently outstanding common stock is 2,664,000 shares.

McColl-Frontenac Oil Company, Ltd., Montreal, stockholders approved the recommendation of the directorate to reduce the number of shares required to make a quorum and to move the main office of the company to Toronto.

E. I. duPont de Nemours & Co., Wilmington, Del., has developed a non-petroleum lubricant for use as an anti-squeak for all rubber parts and metal-to-metal contacts on the chassis of automobiles, busses and trucks.

Medicinal and toiletry preparations dealers and importers in Argentina have been listed by the Bureau of Foreign and Domestic Commerce, Washington, D. C. The list is available to accredited American firms at 10 cents a copy.

Shipping Information

All matter under this heading fully protected by copyright

Imports at U.S. Ports

New York Imports

ACID, CRESYLIC—20 dms, Monsanto Chem Co, American Importer, Liverpool
5 dms, American Importer, Manchester
NAPHTHENIC—2,000 bbls, 84,000 gls, Standard Oil Co of N J, Standard, Aruba
TAR—1 dm, W A Foster & Co, American Importer, Liverpool
ADEPS LANAE—97 kgs, C Tennant Sons & Co, Laconia, Liverpool
AGAR AGAR—3 bls, Peek & Velsor, Yamabiko, Kobe
20 bls, S B Penick & Co, American Banker, London
ALBUMEN, EGG, HEN—28 cs, A O Glasson, Toulouse, Kobe
28 cs, Paul A Dunkel & Co, Toulouse, Kobe
56 cs, Corn Exchange Bank, Kongo, Tientsin
28 cs, T M Duche & Sons, Kongo, Kobe
VEGETABLE—84 cs, Volkart Bros, Bremen, Bremen
ALCOHOL—1 bbl, R Dupont, Independence Hall, Havre
ALOE—50 cs, Selma Mercantile Corp, Amor, Curacao
AMMONIA, CARBONATE—11 cs, J Turner & Co, Laconia, Liverpool
ANISE—47 bgs, Siboney, Vera Cruz
STAR—1 bg, Toulouse, Hongkong
100 bgs, Peek & Velsor, Toulouse, Hongkong
ANNATTO SEED—64 bgs, President Polk, Vizagapatam
ANTIMONY—17 cks, 5 tons, 5 cwt, 2 qtrs, 16 lbs, Stanley Fullwood, Kyno, Hull
METAL—255 cs, American Smelting & Refg Co, Agwistar, Tampico
ARCHIL LIQUID—3 cks, A De Ronde & Co, Laconia, Liverpool
ARROWROOT—600 bbls, Morningstar Nicol, Nerissa, St Vincent
200 bbls, Morningstar Nicol, Gunvor, St Vincent
ARSENIC—377 bbls, American Smelting & Refining Co, Agwistar, Tampico
86 bbls, 55,332 lbs, Scanstates, Stockholm
ARTISTS MATERIAL—5 cs, Winsor & Newton, Britannic, London
6 cs, Gallagher & Ascher, Black Heron, Rotterdam
ASBESTOS—534 bgs, Davies, Turner & Co, American Importer, Liverpool
ASPHALT—1,033 cakes, Hansa, Hamburg
680 bgs, A V Berner & Co, Siboney, Havana
330 bgs, A V Berner & Co, Seatrain New York, Havana
935 tons, 634 bbls, 713 dms, Manaqui, Trinidad
BABASSU KERNELS — 1,666 bgs, General Food Corp, Rio Branco, Tutoya
BANANA POWDER — 5 cs, Sanib Corp, Pastores, Porto Cortes
BAY RUM—31 dms, Bornn Distilling Co, Nerissa, St Thomas
BLACK, BONE—1,525 bgs, 171,100 lbs, United Baltic Corp, Exeter, Alexandria
BLOOD, DRIED—2,000 bgs, Jaboatao, Santos
BONES—1 car, Geck Trading Corp, Seatrain New York, Havana
508 bgs, American Agricultural & Chemical Co, Dagrun, Buenos Aires
BRISTLES—9 cs, Chase National Bank, Toulouse, Hongkong
12 cs, Chesnut, Cooper & Co, President Harding, Southampton
60 cs, Rubberset Co, Kongo, Tientsin
150 cs, H Rosenhirsch Co, Kongo, Tientsin
26 cs, F H Cone & Co, Kongo, Tientsin
55 cs, B C Ritchie & Co, Kongo, Tientsin
5 cs, Globe Shipping Co, Hansa, Hamburg
12 cs, Britannic, London
6 cs, Continental Bank Trust Co, American Banker, London
3 pkgs, American Banker, London
2 cs, F H Cone & Co, Independence Hall, Havre
BRONZE POWDER—5 dms, 2 cs, R F Downing & Co, Bremen, Bremen
CALCIUM METAL—23 cs, Charles Hardy, Ingria, Marseilles
NITRATE — 250 bgs, Synthetic Nitrogen Product Corp, Stavangerfjord, Berlin
CANARY SEED—908 bgs, A G Dunn, Dagrun, Buenos Aires
604 bgs, Northern Prince, Buenos Aires
CARAWAY SEED—100 bgs, 11,000 lbs, Ingria, Marseilles
100 bgs, 11,000 lbs, M Van Sillevoldt, Black Heron, Rotterdam
100 bgs, 11,000 lbs, Archibald & Kendall, Statendam, Rotterdam
CARDAMOM—6 cs, American Banker, London
CAROB FLOUR—50 pkgs, 5,500 lbs, S B Penick & Co, Exeter, Marseilles
CASEIN—84 bgs, American Cyanamid & Chem Co, Northern Prince, Buenos Aires
CASSIA, BUDS—100 cs, S B Penick & Co, Toulouse, Hongkong
ROLLS—120 bls, Wood & Selick, Toulouse, Hongkong
150 bls, Toulouse, Hongkong
CASTOR BEANS—1,700 bgs, Spencer Kellogg & Sons, Rio Branco, Bahia
1,700 bgs, Tunley & Co, Rio Branco, Bahia
1,094 bgs, Rio Banco, Bahia
850 bgs, Jaboatao, Aracahu
1,700 bgs, Jaboatao, Bahia
5,550 bgs, Spencer Kellogg & Sons, Dagrun, Santos
CHALK, BLOCK—1,560 tons, Taintor Trading Co, Independence Hall, Dunkirk
PRECIPITATED—320 bgs, Lo Curto & Funk, Britannic, London
1,000 bgs, 51 tons, 2 cwt, 1 qtr, 8 lbs, Colgate-Palmolive-Peet Co, Kyno, Hull
CHEMICALS—159 cks, Advance Solvents & Chem Co, Stavangerfjord, Heroen
119 dms, American Cyanamid & Chem Co, Alex Van Opstal, Antwerp
45 bgs, 93 cks, 1 pkg, Alex Van Opstal, Antwerp
5 bbls, 7 cs, 25 crbys, Hansa, Hamburg
1,016 bgs, Advance Solvents & Chem Co, Hansa, Hamburg
2 cs, Lo Curto & Funk, Hansa, Hamburg
3 cs, Byk, Inc, Hansa, Hamburg
26 cs, Schimmel & Co, Hansa, Hamburg
60 cks, 2 cs, Jungmann & Co, Hansa, Hamburg
3 pkgs, Eimer & Amend, Hansa, Hamburg
20 cks, Robinson-Wagner Co, Hansa, Hamburg
15 dms, 3 kgs, 12 cs, Pfaltz & Bauer, Hansa, Hamburg
1 cs, E I du Pont de Nemours Co, Laconia, Liverpool
200 bgs, Schofield-Donald Co, California, Glasgow
14 cks, Geigy Co, Normandie, Havre
2 cs, G J Wallau, Normandie, Havre
6 cks, American Union Transport, Normandie, Havre
CHEMICALS—4 cs, Normandie, Havre
5 cs, P H Petry & Co, Normandie, Havre
1 cs, General Aniline Works, Black Heron, Rotterdam
3 cks, Jungmann & Co, Black Heron, Rotterdam
100 bgs, Scanstates, Gdynia
2 bbls, F Behrend, Scanstates, Copenhagen
200 bgs, Advance Solvent & Chem Co, Statendam, Rotterdam
7 cks, Statendam, Rotterdam
71 cks, A V Berner & Co, Statendam, Rotterdam
CINCHONA PRODUCTS—7 cs, R W Greeff & Co, Statendam, Rotterdam
CLAY—2 cks, A Hurst & Co, Black Heron, Rotterdam
COALTAR DERIVATIVES—1 ck, General Aniline Works, Statendam, Rotterdam
INTERMEDIATES—6 cs, General Dyestuff Corp, Hansa, Hamburg
12 dms, General Analine Works, Black Heron, Rotterdam
4 dms, Sandoz Chem Works, Bremen, Bremen
4 dms, Ciba Co, Bremen, Bremen
6 dms, 1 cs, General Dyestuff Corp, Bremen, Bremen
COCHINEAL—25 bgs, Bremen, Bremen
COCOA BEANS—2,000 bgs, Wessel, Kulenkampf & Co, Rio Branco, Bahia
500 bgs, W R Grace & Co, Rio Branco, Bahia
3,000 bgs, Nieschlag & Co, Rio Branco Ilheos
1,000 bgs, National City Bank, Rio Branco, Ilheos
1,000 bgs, General Cocoa Co, Rio Branco, Ilheos
1,000 bgs, W R Grace & Co, Rio Branco, Ilheos
4,000 bgs, Wessel, Kulenkampf & Co, Rio Branco, Ilheos
250 bgs, Nerissa, Trinidad
100 bgs, Wessel, Duval & Co, Amor, Puerto Cabello
1,000 bgs, Amor, Puerto Cabello
1,366 bgs, Balfour, Guthrie & Co, New Columbia, Koko
806 bgs, Balfour, Guthrie & Co, New Columbia, Sapele
18,600 bgs, Balfour, Guthrie & Co, New Columbia, Lagos
400 bgs, Superintendence Co, New Columbia, Accra
4,800 bgs, Guaranty Trust Co, New Columbia, Accra
4,000 bgs, Balfour, Guthrie & Co, New Columbia, Accra
3,200 bgs, New Columbia, Accra
500 bgs, Balfour, Guthrie & Co, New Columbia, Accra
750 bgs, Hansa, Hamburg
180 bgs, Lopez & Mangual, Santa Rosa, Curacao
50 bgs, Mecke & Co, Santa Rosa, Curacao
228 bgs, Wessel, Duval & Co, Santa Rosa, Puerto Cabello
300 bgs, W R Grace & Co, Santa Rita, Guayaquil
100 bgs, Santa Rita, Guayaquil
4,250 bgs, Curacao Trading Co, Ponce, Puerto Plata
800 bgs, Machado & Co, Ponce, Puerto Plata
500 bgs, Porcella, Vicini & Co, Ponce, Puerto Plata
750 bgs, Wood & Selick, Gunvor, Port Spain
300 bgs, Meyer & Co, Gunvor, Port Spain
250 bgs, W R Grace & Co, Gunvor, Port Spain
500 bgs, Nieschlag & Co, Gunvor, Port Spain
1,000 bgs, Middleton & Co, Gunvor, Port Spain
830 bgs, Gunvor, Port Spain
1,000 bgs, Gillespie & Co, Almena, Trujillo
3,000 bgs, Wessel, Kulenkampf & Co, Almena, Trujillo
800 bgs, Geck Trading Corp, Almena, San Pedro
3,500 bgs, Wessel, Kulenkampf & Co, Almena, Sanchez
1,500 bgs, Curacao Trading Co, Almena, Puerto Plata
300 bgs, Machado & Co, Almena, Puerto Plata
1,100 bgs, Porcella, Vicini & Co, Almena, Puerto Plata
300 bgs, Wessel, Duval & Co, Veragua, Cristobal
800 bgs, Northern Prince, Trinidad
RESIDUE—350 bgs, Rio Branco, Ilheos
500 bgs, Jaboatao, Ilheos
COCONUTS—50 bgs, 500 lbs, Ramon Rios, Borinquen, San Juan
100 bgs, 10,000 lbs, H L Dauernheim, Borinquen, San Juan
2 bgs, 200 lbs, Simons & French Co, Borinquen, San Juan
16 bgs, 1,600 lbs, J Di Christina, Borinquen, San Juan
32 bgs, 3,200 lbs, R A Martinez Co, Borinquen, San Juan
750 bgs, 75,000 lbs, I L Toledano Corp, Cristobal, Cristobal
800 bgs, 80,000 lbs, General Food Corp, Cristobal, Cristobal
600 bgs, 60,000 lbs, General Food Corp, Veragua, Cristobal
160 bgs, 16,000 lbs, J Simon & Co, Veragua, Kingston
500 bgs, 50,000 lbs, Far Eastern Mfg Co, Veragua, Kingston
500 bgs, 50,000 lbs, Barclay Bank, Veragua, Kingston
2,404 bgs, 246,400 lbs, General Food Corp, Veragua, Kingston
373 bgs, 37,300 lbs, General Food Corp, Rosario, Mayaguez
1,287 bgs, 128,700 lbs, General Food Corp, Rosario, San Juan
COCONUT DESIC—8,678 cs, General Food Corp, Toulouse, Manila
1,997 cs, Durkee Famous Food, Toulouse, Manila
COLORS—2 cs, E H Friedrich, Alex Van Opstal, Antwerp
1 cs, Davies, Turner & Co, Hansa, Hamburg
7 cks, Lowenstein & Son, Normandie, Havre
COALTAR—8 cks, General Dyestuff Corp, Statendam, Rotterdam
DRY—4 cks, Britannic, London
4 jugs, General Dyestuff Corp, Statendam, Rotterdam
EARTH—12 cs, J E Bernard & Co, Hansa, Hamburg
PRINTING—1 cs, W R Keating & Co, Hansa, Hamburg
COPAIBA BALSAM—352 cs, Boniface, Manaos
COPPER ASHES RESIDUE—183 bgs, 19 tons, 18 cwts, 2 qtrs, Kyno, Hull
CORIANDER SEED—45 bgs, Greene Trading Co, American Banker, London
400 bgs, Ingria, Casablanca
CORK BOARDS—800 crtns, Ingria, Algiers
WASTE—2,900 bls, H Suhl, Ingria, Algiers
WOOD—130 bls, Wicander & Co, Ingria, Algiers
107 bls, Wicander & Co, Ingria, Lisbon
210 bls, Ingria, Lisbon
CUDBEAR—3 cks, Peek & Velsor, Laconia, Liverpool
CUMIN SEED—166 bgs, Ingria, Marseilles
DERRISROOT—4 bgs, Ledward, Bibby & Co, Kongo, Manila
5 bls, Dodwell & Co, President Polk, Cebu
DUTCH METAL—2 cs, B F Drakenfeld & Co, Bremen, Bremen
DYES—8 cks, Ozalid Corp, Statendam, Rotterdam
ALIZARIN—2 cks, General Dyestuff Corp, Statendam, Rotterdam
8 cks, General Dyestuff Corp, Bremen, Bremen
ANILIN—20 cks, 1 pkg, General Dyestuff Corp, Hansa, Hamburg
4 dms, Sandoz Chem Works, Hansa, Hamburg
1 dm, E I duPont de Nemours & Co, Laconia, Liverpool
31 cks, Geigy Co, Normandie, Havre
44 cans, 2 cs, Ciba Co, Normandie, Havre
34 kgs, Carbon Colon & Chem Co, Normandie, Havre
12 dms, L & R Organic Prod Co, Statendam, Rotterdam
66 cks, 1 cs, General Dyestuff Corp, Statendam, Rotterdam
49 dms, 1 cs, Sandoz Chem Works, Bremen, Bremen
5 dms, Ciba Co, Bremen, Bremen
37 cks, 1 cs, General Dyestuff Corp, Bremen, Bremen
EARTH, SILICIOUS—204 bgs, C B Chrystal & Co, Hansa, Hamburg
FENNEL SEED—60 bgs, President Polk, Bombay
FENUGREEK SEED—280 bgs, Exeter, Alexandria
FILTER PAPER—14 cs, 1 bl, Hansa, Hamburg
14 cs, Reeve, Angel & Co, Britannic, London
FISH SOUNDS—40 bls, Fulton Freight Co, Amor, Maracaibo
5 cs, W T Ueland, Santa Rosa, Curacao
FLAXSEED—6,048 tons, 241,920 bus, Archer, Daniels, Midland Co, Tercero, Rosario
1,342 tons, 53,680 bus, Archer, Daniels, Midland Co, Tercero, Buenos Aires
506,626 kilos, 20,265 bus, Northern Prince, Tercero, Buenos Aires
FLEASEED—37 bgs, Ingria, Marseilles
20 bgs, Peek & Velsor, President Polk, Bombay
260 bgs, W E Martin, President Polk, Bombay
390 bgs, S B Penick & Co, President Polk, Bombay
26 bgs, President Polk, Bombay
150 bgs, R J Prentiss & Co, Exeter, Marseilles
HUSK—135 bgs, T M Duche & Sons, President Polk, Bombay
454 bgs, President Polk, Bombay
GELATIN, POWD—7 cs, International Selling Corp, Westernland, Antwerp
5 kgs, 20 bbls, 10 dms, 1 bg, R D McLellan, Black Heron, Rotterdam
85 bgs, 30 bbls, 15 kgs, 15 dms, R D McLellan, Statendam, Rotterdam
SHEET—1 cs, R D McLellan, Black Heron, Rotterdam
GINGER ROOT—289 bgs, Cie Francaise de l'Afrique Occid, New Columbia, Freetown
160 bgs, Barclay Bank, New Columbia, Freetown
177 bgs, New Columbia, Freetown
105 bgs, Cooperative Wholesale Soc, New Columbia, Freetown
GLASS, PLATE—12 cs, Brown Brothers, Harriman Co, Alex Van Opstal, Antwerp
8 cs, Globe Shipping Co, Hansa, Hamburg
SHEET—261 cs, Alex Van Opstal, Antwerp
WINDOW—2,947 cs, Vitrea & Co, President Harding, Hamburg
6 cs, Leo Popper & Sons, President Harding, Hamburg
1 cs, Globe Shipping Co, Hansa, Hamburg
1 cs, W J Byrnes, Hansa, Hamburg
18 cs, Leo Popper & Son, Laconia, Liverpool
2 cs, Wood, Niebuhr & Co, Britannic, London
1,000 cs, Westernland, Antwerp
GLUE, LIQUID—10 bbls, 6,032 lbs, A Hurst & Co, Hansa, Hamburg
POWDERED—10 dms, 1 cs, Rex & Reynolds, President Polk, Marseilles
5 cks, Rex & Reynolds, Exeter, Marseilles
GLYCERIN—20 dms, Ingria, Marseilles
116 dms, American Express Co, Dagrun, Buenos Aires
8 dms, C L Huisking & Co, Statendam, Rotterdam
120 dms, Armour Soap Works, Exeter, Marseilles
GRAPHITE—108 bgs, Asbury Graphite Mills, President Polk, Colombo
100 bgs, Joseph Dixon Crucible Co, President Polk, Colombo
GREASE WOOL—20 bbls, 4 tons, 3 cwt, 3 qtrs, 20 lbs, Hummel Chemical Co, Kyno, Hull
GUM, CHICLE—458 bls, Chicle Development Co, Pastores, Porto Barrios
137 bls, F Huber & Co, Agwistar, Tampico
COPAL—20 bgs, S Winterbourne & Co, Alex Van Opstal, Antwerp
100 bgs, Thurston & Braidich, Alex Van Opstal, Antwerp
100 bgs, W H Scheel, Alex Van Opstal, Antwerp
80 bgs, France, Campbell & Darling, Alex Van Opstal, Antwerp
8 bgs, American Banker, London
64 bgs, S Winterbourne & Co, President Polk, Singapore
DAMMAR—1 cs, Freedman & Slater, Steel Worker, Batavia
50 cs, 416 bgs, S Winterbourne & Co, President Polk, Singapore
KARAYA—70 bgs, Duvekot & Wolff, President Polk, Bombay
27 bgs, Manufacturers Trust Co, President Polk, Bombay
66 bgs, S B Penick & Co, President Polk, Bombay
66 bgs, Guaranty Trust Co, President Polk, Bombay
66 bgs, J W Masters & Co, President Polk, Bombay
178 bgs, Frank Vliet Co, President Polk, Bombay
664 bgs, Innis, Speiden & Co, President Polk, Bombay
406 bgs, President Polk, Bombay
LOCUST BEAN—60 bgs, Innis, Speiden & Co, President Polk, Genoa
30 bgs, President Polk, Genoa
20 bgs, S B Penick & Co, Exeter, Alexandria
MASTIC—10 cs, American Hawaiian S S Co, Exeter, Piraeus
TRAGACANTH—35 cs, 6,261 lbs, E Meer & Co, President Harding, Hamburg
GUM TRAGACANTH—29 cs, 74 bgs, Nawi Noonvo & Co, President Polk, Baghdad
163 bgs, E Meer & Co, President Polk, Bushire
GYPSUM—6,100 tons, U S Gypsum Co, Gypsum Empress, Windsor
400 bgs, Hammill & Gillespie, Kyno, Hull
250 bgs, C H Chrystal Co, Kyno, Hull
1,221 bgs, Whittaker, Clark & Daniels, Kyno, Hull
6,250 tons, U S Gypsum Co, Gypsum King, Windsor
HERBS, MEDICINAL—10 cs, 1,254 lbs, New York Trust Co, President Harding, Hamburg
15 bls, 4,373 lbs, Hansa, Hamburg
2 bgs, Eimer & Amend, Hansa, Hamburg
1 pkg, R D Hines, Hansa, Hamburg
HOPS—25 bls, E Clemens Horst Co, Britannic, London
IRISH MOSS—15 bls, Innis, Speiden & Co, Normandie, Havre
10 bgs, Normandie, Havre
IRON, ORE—5 dms, Reichard-Coulston, American Importer, Liverpool
OXIDE—20 cks, American Importer, Liverpool
KOLA NUTS—150 bgs, D Steengrafe, Veragua, Kingston
LEAVES, MEDICINAL—158 bls, Exeter, Marseilles
LICORICE, PASTE—10 cs, Ingria, Marseilles
ROOT—3 bgs, 418 lbs, Exeter, Alexandretta
MACE—10 cs, C T Wilson & Co, Gunvor, Grenada
3 cs, Knickerbocker Mills Co, Gunvor, Grenada
MAGNESIA, CARBONATE—125 cs, Schofield-Donald Co, American Importer, Liverpool
HYDRATE—50 cs, Schofield-Donald Co, American Importer, Liverpool
MAGNESITE, CALCINED—30 dms, Speiden-Whitfield Co, Statendam, Rotterdam
MANGROVE BARK EXTRACT—6,724 bgs, Philippine Cutch Corp, President Polk, Zamboanga
MEAKIN MEAL—1,200 bgs, Mitsubishi Shoji Kaisha, Yamabiko, Kobe
MEDICINAL PREPS—8 cs, Burroughs-Wellcome & Co, Britannic, London
2 cs, 38 cartons, Sharp & Dohme, President Polk, Hongkong
MENTHOL—25 cs, R J Prentiss & Co, Yamabiko, Yokohama
MILK POWD—48 cs, Nestles Milk Prod, Exeter, Marseilles
MOLASSES—8,093 gls, Boston Molasses Corp, Seatrain New York, Havana
MURU MURU KERNELS—5,047 bgs, General Food Corp, Boniface, Para
MUSTARD—20 dms, C Guiden, American Banker, London
NAPHTHALENE—3 cs, 530 lbs, Draeger Shipping Co, Southlure, Gdynia
635 bgs, 111,760 lbs, Southlure, Gdynia
NIGER SEED—133 bgs, President Polk, Vizagapatam
NUTMEGS—300 bgs, Royal Bank of Canada, Nerissa, Grenada
350 bgs, Nerissa, Grenada
100 bgs, Royal Bank of Canada, Gunvor, Grenada
50 bgs, C T Wilson & Co, Gunvor, Grenada
60 bgs, Middleton & Co, Gunvor, Grenada
OCHER—200 bgs, Reichard Coulston, American Importer, Liverpool
25 cks, Wishnick-Tumpeer, Exeter, Marseilles
700 bgs, 23 cks, Reichard Coulston, Exeter, Marseilles
OIL, ABIES—6 dms, C Fischbeck Co, Yamabiko, Kobe
10 dms, Norda Essential Oil & Chem Co, Kongo, Kobe
ALMOND—4 cs, Dodge & Olcott Co, Britannic, London
2 cs, President Polk, Marseilles
BIRCH TAR—1 cs, 132 lbs, Schenker & Co, Scanstates, Helsingfors
CAMPHOR—30 dms, Ungerer & Co, Kongo, Kobe
CASSIA—5 dms, President Polk, Hongkong
CHINAWOOD—252 tons, Guaranty Trust Co, Toulouse, Hongkong
295 tons, L N Jackson & Co, Toulouse, Shanghai
CINNAMON LEAF—4 dms, New York Trust Co, President Polk, Colombo
CITRONELLA—10 dms, Magnus, Mabee & Reynard, Steel Worker, Batavia
8 dms, G Uhe Co, Steel Worker, Batavia
CLOVES—8 dms, French Line, President Polk, Port Said
COCONUT—1,017 tons, Spencer Kellogg & Sons, Toulouse, Manila
595 tons, Procter & Gamble Co, Kongo, Manila
304 tons, Swift & Co, Kongo, Cebu
COD—100 dms, Stavangerfjord, Bergen
100 dms, E M Javitz Co, Stavangerfjord, Alesund
300 cks, Balfour, Guthrie & Co, President Harding, Hamburg
200 bbls, Chace Export Co, Fort Amherst, St Johns
CODLIVER—315 dms, H H Rosenthal Co, Stavangerfjord, Bergen
25 dms, P R Dreyer, Stavangerfjord, Alesund
15 dms, Jacone Prod Co, Stavangerfjord, Bergen
349 dms, J D Irwin Co, Stavangerfjord, Hamburg
399 dms, C T Smith, Stavangerfjord, Hamburg
600 dms, National Oil Prod Corp, Kyno, Hull
295 dms, Consumers Import Co, Kyno, Hull
CORN—266 dms, Balfour, Guthrie & Co, Kyno, Hull
241 dms, Corn Product Refg Co, Dagrun, Santos
COTTONSEED — Quantity, Mitsubishi-Shoji-Kaisha, Yamabiko, Kobe
Quantity, West Texas Cotton Oil Co, Northern Prince, Santos
ESSENTIAL—9 dms, Pastores, Porto Barrios
1 cs, Hansa, Hamburg
102 cs, Normandie, Havre
8 cs, Independence Hall, Havre
8 cs, Exeter, Genoa
38 pkgs, Exeter, Marseilles
3 cs, Bremen, Bremen
FISH, HARDENED—100 bgs, Norwegian American Line, Stavangerfjord, Oslo
FISH, SULPHONATED—1 cs, E I Du Pont de Nemours Co, Laconia, Liverpool
FISH LIVER—100 dms, Toulouse, Yokohama
53 dms, Viteamerican, Inc, Yamabiko, Yokohama
FUEL—112,000 bbls, Standard Oil Co of N J, Standard, Aruba
96,000 bbls, Standard Oil Co of N J, Esso Bolivar, Aruba
57,543 bbls, Shell Union Oil Corp, Arthur W Sewall, Curacao
65,000 bbls, Standard Oil Co of N J, Paul H Harwood, Aruba
100,000 bbls, Standard Oil Co of N J, W C Teagle, Aruba

OIL, GERANIUM—3 dms, Geo Luecders & Co, President Polk, Marseilles
1 ck, R Dupont, Exeter, Marseilles
LAVENDER—2 dms, Schimmel & Co, President Polk, Marseilles
LEMON—32 cs, 2 dms, Wells Fargo & Co Express, Siboney, Vera Cruz
LEMONGRASS—16 dms, French Line, President Polk, Port Said
LIME—9 cs, Gunvor, Grenada
12 cs, Gunvor, Roseau
LINSEED—3 dms, D F Young, American Banker, London
12 cs, Veragua, Kingston
LUBRICATING—5 dms, York Ice Machine Corp, Fort Amherst, St Johns
MINERAL—100 dms, Hansa, Hamburg
MUSTARD SEED—50 dms, Balfour, Guthrie & Co, Kongo, Kobe
OLIVE—25 dms, Ingria, Nice
25 cs, Ingria, Marseilles
50 dms, Lekas & Drivas, Ingria, Marseilles
50 dms, Ingria, Marseilles
50 dms, Irving Trust Co, Ingria, Marseilles
10 dms, Roma Import Co, President Polk, Genoa
50 dms, J Osoola & Co, President Polk, Genoa
15 dms, A Ferrara & Bro, President Polk, Genoa
30 dms, A Fiore & Co, President Polk, Genoa
25 dms, A Corrao, President Polk, Genoa
25 dms, S A Laraja, President Polk, Genoa
2,695 cs, President Polk, Genoa
50 dms, Hellenic Bank Trust Co, President Polk, Marseilles
20 dms, Cooks Food, Inc, President Polk, Nice,
50 cs, President Polk, Nice
150 dms, Leghorn Trading Co, Exeter, Piraeus
50 dms, Olive Oil Industrial, Inc, Exeter, Piraeus
1,025 cs, Exeter, Leghorn
97 dms, Atlantic & Pacific Tea Co, Exeter, Genoa
25 dms, S A Larja, Exeter, Genoa
25 dms, Desimone Bros, Exeter, Genoa
10 dms, Toporista Import Co, Exeter, Genoa
5 dms, New Jersey Import Co, Exeter, Genoa
25 dms, S M Sartori, Exeter, Genoa
1,402 cs, Exeter, Genoa
3 dms, Albino de Meo, Exeter, Genoa
65 dms, P Pastene & Co, Exeter, Genoa
25 dms, Mangano Bros, Exeter, Genoa
20 dms, Atlantic & Pacific Tea Co, Exeter, Genoa
20 dms, J R Tolibia, Exeter, Genoa
25 dms, A Corrao, Exeter, Genoa
50 cs, Exeter, Marseilles
25 dms, Schroeder Bros, Exeter, Marseilles
85 dms, Banca Commercial Italian Trust Co, Exeter, Marseilles
ORANGE—1 dm, President Polk, Marseilles
10 cs, Geo Lueders & Co, Veragua, Kingston
3 dms, Lo Curto & Funk, Exeter, Marseilles
PALM—66 dms, Balfour, Guthrie & Co, New Columbia, Abonema
PALMAROSA—1 pot, Volkart Bros, President Polk, Bombay
PETITGRAIN—15 cs, Northern Prince, Buenos Aires
POLLACK LIVER—100 dms, Consumers Import Co, Yamabiko, Yokohama
RAPESEED—100 dms, Balfour, Guthrie & Co, Yamabiko, Nagoya
ROSE—1 cs, Bremen, Bremen
ROSEWOOD—8 dms, Boniface, Manaos
12 dms, Boniface, Para
SASSAFRAS—45 dms, Dodge & Olcott Co, Kongo, Kobe
SOD—80 cks, 20 tons, 11 cwt, 3 qtrs, 9 lbs, C H Reisig, Kyno, Hull
TEASEED—1 dm, President Polk, Hongkong
WHITE—95 dms, Westernland, Antwerp
YLANG YLANG—4 dms, 673 lbs, Fritzsche Bros, Exeter, Marseilles
PALM KERNELS—9,487 bgs, Barclay Bank, New Columbia, Lagos
3,651 bgs, Barclay Bank, New Columbia, Cotonou
PAPAIN—13 hlf chests, R J Prentiss & Co, President Polk, Colombo
PAPRIKA—93 bgs, H Schoenfeld & Son, President Harding, Hamburg
100 bgs, Knickerbocker Mills Co, President Harding, Hamburg
50 bgs, Chase National Bank, President Harding, Hamburg
275 bgs, 10 cs, President Harding, Hamburg
120 bgs, P H Petry & Co, Hansa, Hamburg
25 cs, Hausa, Hamburg
PARIS GREEN—8 cks, 19 cwt, 3 qtrs, 12 lbs, C J Osborn & Co, Kyno, Hull
PATCHOULI LEAVES—208 bgs, Steel Worker, Singapore
170 bls, President Polk, Singapore
61 bls, W J Bush & Co, President Polk, Penang
PEATMOSS—100 bls, Halfmoon Mfg Trading Co, Black Heron, Rotterdam
100 bls, Halfmoon Mfg Trading Co, Statendam, Rotterdam
PETROLEUM, CRUDE—81,670 bbls, Gulf Oil Corp, Adellen, Las Piedras
REFINED—100 dms, R F Cruickshank Corp, Hansa, Hamburg
PINENEEDLE EXTRACT—2 cs, Lo Curto & Funk, Hansa, Hamburg
POPPYSEED — 150 bgs, 16,500 lbs, Levy & Levis Co, Black Heron, Rotterdam
100 bgs, 11,000 lbs, Knickerbocker Mills Co, Black Heron, Rotterdam
200 bgs, 22,000 lbs, C M Van Sillevoldt, Black Heron, Rotterdam
200 bgs, 22,000 lbs, Levy & Levis Co, Statendam, Rotterdam
POTASH, CAUSTIC—72 dms, 40,444 lbs, American Cyanamid & Chem Co, Hansa, Hamburg
CHLORATE — 800 cs, Uniform Chem Prod, Inc, Yamabiko, Yokohama
OXALATE — 3 cks, Eugene Dietzgen Co, Hansa, Hamburg
SALT—10 kgs, American Hawaiian S S Co, Britannic, London
16 kgs, 2 cs, American Banker, London
SULPHATE—13,000 bgs, N V Potash Export My, Alex Van Opstal, Antwerp
POTATO DEXTRIN—100 bgs, American Cyanamid & Chem Co, Black Heron, Rotterdam

CLEANING MILLING
GUMS, DRUGS, FOOD PRODUCTS
To
Your Specification
Try
Gruman's Service
Telephone MArket 3-2491
J. B. GRUMAN CO.
St. Francis, Komorn and Maine Sts.
Est. 1854 NEWARK, N.J.

PUMICE, ARTIFICIAL—35 cs, Hansa, Hamburg
PYRETHRUM, EXTRACT—8 cs, Dodwell & Co, Toulouse, Kobe
FLOWERS—125 bls, E Meer & Co, Kongo, Kobe
QUEBRACHO EXTRACT—1,575 bgs, International Product Corp, Northern Prince, Buenos Aires
3,182 bgs, Tannin Corp, Northern Prince, Buenos Aires
QUICKSILVER—30 flks, Chase National Bank, Agwistar, Tampico
QUINCE SEED—24 bgs, S B Penick & Co, President Polk, Bombay
RAPESEED—294 bgs, Northern Prince, Buenos Aires
ROOT, MEDICINAL — 10 bgs, R D Hines, Hansa, Hamburg
ROSE FLOWERS—165 bgs, Ingria, Casablanca
WASTE—2 demjs, R Dupont, Exeter, Marseilles
SALT—360 bgs, Emil Kohn, Laconia, Liverpool
SANDALWOOD—22 bgs, 4,811 lbs, Peek & Velsor, Hansa, Hamburg
SARDINE MEAL—1,000 bgs, Mitsubishi-Shoji-Kaisha, Yamabiko, Kobe
3,000 bgs, Mitsubishi-Shoji-Kaisha, Kongo, Kobe
SENNA LEAVES—25 bls, Peek & Velsor, President Polk, Turicorin
SESAME SEED—672 bgs, Toulouse, Hongkong
240 bgs, Philadelphia Natl Bank, Toulouse, Shanghai
SHELLAC—20 cs, A Hurst & Co, Hansa, Hamburg
20 cs, Wm Zinsser & Co, American Banker, London
SILICON CARBIDE—14 cks, D C Andrews & Co, Stavangerfjord, Eydehavn
SOAP—12 cs, Bartley Bros & Hall, Ingria, Marseilles
11 cs, H Bendel, Normandie, Havre
50 cs, President Polk, Marseilles
6 cs, B Altman & Co, Exeter, Genoa
200 cs, J P Smith & Co, Exeter, Marseilles
SADDLE—99 cs, 2 pkgs, Salomon & Phillip, American Banker, London
SHAVING—2 cs, Rolls Razor Co, American Banker, London
SHAVING BASE—116 cs, Yardley & Co, Britannic, London
SODA HYDROSULPHITE—40 dms, 9,504 lbs, Hansa, Hamburg
PRUSSIATE—40 cs, Iwai & Co, Yamabiko, Yokohama
SILICOFLUORIDE—160 bbls, Innis, Speiden & Co, Hansa, Hamburg
SOLVENTS—300 dms, C P Chemical Solvents, Rosario, Ponce
SPONGES—5 bls, Florida Sponge & Chamois Co, Oriente, Havana
12 bls, Jerge du Bouchet, Siboney, Havana
25 bls, International Forwarding Co, Siboney, Havana
5 bls, J Bloch, Siboney, Havana
STARCH, RICE POWD—20 bgs, Yardley & Co, Alex Van Opstal, Antwerp
25 bbls, H Kohnstamm & Co, Alex Van Opstal, Antwerp
224 bbls, Stein, Hall & Co, Alex Van Opstal, Antwerp
50 cks, Habicht, Braun Co, Hansa, Hamburg
STEARIN PITCH—137 dms, 26 tons, 14 cwt, 2 qtrs, 16 lbs, Kyno, Hull
75 dms, 15 tons, 16 cwt, 3 qtrs, 11 lbs, A V Berner & Co, Kyno, Hull
TALC—500 bgs, Whittaker, Clark & Daniels, Yamabiko, Kobe
3 bgs, Stavangerfjord, Bergen
200 bgs, Hudson Import Co, Kongo, Kobe
TALLOW—50 dms, Northern Prince, Buenos Aires
TANKAGE—2,032 bgs, Dagrun, Santos
308 bgs, H J Baker & Bro, Dagrun, Buenos Aires
TAPIOCA FLOUR—500 bgs, Rutger, Bleecker & Co, Steel Worker, Batavia
825 bgs, Stein, Hall & Co, Steel Worker, Batavia
252 bgs, A D Welds Sons, Steel Worker, Sourabaya
1 pkg, Catz American Co, Steel Worker, Batavia
80 bgs, Catz American Co, Steel Worker, Cheribon
1,670 bgs, Stein, Hall & Co, Steel Worker, Cheribon
TAR PRODUCT—2 cs, E Hennigson Co, Hansa, Hamburg
TARTAR—2,463 bgs, Charles Pfizer & Co, Ingria, Marseilles
430 bgs, Standard Brands, Exeter, Marseilles
174 bgs, Charles Pfizer & Co, Exeter, Marseilles
THYME LEAVES—70 bls, Exeter, Marseilles
20 bls, Seek & Kade, Exeter, Marseilles
TIMBO ROOT, POWD—40 cs, Boniface, Manaos
950 cs, Boniface, Para
TONKA BEANS—18 cks, Machado & Co, Gunvor, Port Spain
19 bbls, Guaranty Trust Co, Boniface, Para
4 cks, Northern Prince, Trinidad
TUBA ROOT—18 bls, Guaranty Trust Co, President Polk, Singapore
UMBER, BURNT, POWD—15 cks, J A McNulty, Exeter, Alexandria
17 cks, Stanley Doggett, Exeter, Alexandria
2 cks, Exeter, Alexandria
CRUDE—921 bgs, J Lee Smith & Co, Exeter, Alexandria
RAW, POWD—15 cks, J A McNulty, Exeter, Alexandria
VANILLA BEANS—5 cs, Britannic, London
11 cs, Dodge & Olcott Co, Siboney, Vera Cruz
171 cs, French Line, President Polk, Port Said
21 cs, Dodge & Olcott Co, President Polk, Marseilles
60 cs, Thurston & Braidich, President Polk, Marseilles
10 cs, Bank of Manhattan, President Polk, Marseilles
4 cs, Bank of Manhattan, Exeter, Marseilles
8 cs, Dammann & Smeltzer, Exeter, Marseilles
CUTS—3 cs, Dodge & Olcott Co, Siboney, Vera Cruz
WATER, MINERAL—250 cs, J E Bernard & Co, Hansa, Hamburg
190 cs, D F Young, Britannic, London
100 cs, Meadows, Wye & Co, Britannic, London
900 cs, E & J Burke, Ingria, Marseilles
105 cs, American Agency French Vichy, Normandie, Havre
WAX, ANIMAL—25 cs, Orbis Product Corp, Britannic, London
BEES—233 bgs, Jaboatao, Puerto Alegre
10 bgs, Curacao Trading Co, Borinquen, Trujillo
44 bgs, Strohmeyer & Arpe Co, Agwistar, Tampico
75 bgs, Agwistar, Tampico
21 bgs, Lopez, Serrane & Co, Siboney, Havana
17 bgs, Schutte & Focke, Almena, Sanchez
12 seroons, 3 bgs, Porcella, Vicini & Co, Almena, Puerto Plata
99 bgs, Northern Prince, Santos
14 bgs, Exeter, Alexandria
CARNAUBA—250 bgs, Strahl & Pitsch, Rio Branca, Tutoya
63 bgs, Bank of London, South America, Rio Branca, Tutoya
85 bgs, Chase National Bank, Rio Branca, Bahia
89 bgs, American Chemical Co, Jaboatao, Natal
WAX, CARNAUBA—168 bgs, Strohmeyer & Arpe Co, Boniface, Para
56 bgs, American Cyanamid & Chemical Co, Boniface, Para
56 bgs, Innis, Speiden & Co, Boniface, Para
56 bgs, W M Allison & Co, Boniface, Para
78 bgs, Strahl & Pitsch, Boniface, Para
705 bgs, Lenape Trading Co, Boniface, Para
247 bgs, Boniface, Para
MONTAN—200 bgs, 33,000 lbs, Innis, Speiden & Co, President Harding, Hamburg
OZOKERITE—92 bgs, Heemsoth, Kerner Corp, Hansa, Hamburg
20 cs, Independence Hall, Havre
VEGETABLE—100 cs, H H Rosenthal Co, Kongo, Kobe
50 bgs, Mecke & Co, Santa Rosa, Cristobal
WHITING—2,000 bgs, Alex Van Opstal, Antwerp
WINE LEES—1,937 bgs, Bunge North American Grain Co, Northern Prince, Buenos Aires
WOODFLOUR — 300 bgs, B L Soberski, Stavangerfjord, Fredrikstad
YEAST—175 bbls, Hansa, Hamburg
66 bbls, Vulkan Yeast Co, Hansa, Hamburg
ZINC CHLORIDE—36 dms, American Cyanamid & Chemical Co, Westernland, Antwerp
OXIDE—224 bgs, 10 tons, 2 cwt, Whittaker, Clark & Daniels, Kyno, Hull
ZINC-AMMONIA CHLORIDE—22 dms, American Cyanamid & Chemical Co, Westernland, Antwerp

New York Transit Imports

BRISTLES—11 cs, Wooster Brush Co, Toulouse, Shanghai, Wooster, Ohio
50 cs, Samuel Seitlins Son, Toulouse, Shanghai, Philadelphia
IRON SAND—100 bgs, 4 tons, 11 cwts, 8 lbs, Landers, Frary & Clark, Kyno, Hull, New Britain, Conn
MUSTARD SEED—316 bgs, R T French Co, Toulouse, Yokohama, Rochester
OIL, OLIVE—100 dms, Rhode Island Bank, Ingria, Algiers, Providence
28 bbls, J Jamail, Exeter, Beyrouth, Cambridge, Ohio
SARSAPARILLA ROOT—46 bls, Parke, Davis & Co, Agwistar, Tampico, Detroit
SPONGES—13 bls, Oriente, Havana, Paris
299 bls, Siboney, Havana, Havre
4 bls, Munargo, Nassau, Antwerp
3 bls, Munargo, Nassau, Hamburg
REFUSE—12 bls, Munargo, Nassau, Antwerp
4 bls, Munargo, Nassau, Hamburg
8 bls, Munargo, Nassau, Kobe
27 bls, Munargo, Nassau, London
25 bls, Munargo, Nassau, Rotterdam
10 bls, Munargo, Nassau, Philadelphia
VANILLA BEANS—22 cs, Zink & Triest, Siboney, Vera Cruz, Philadelphia
47 cs, M Cortizas Co, Siboney, Vera Cruz, Philadelphia
CUTS—19 cs, Zink & Triest, Siboney, Vera Cruz, Philadelphia
WAX, BEES—10 bgs, Siboney, Havana, Syracuse
CANDELILLA—8 bgs, Siboney, Vera Cruz, Sedalia, Mo

Baltimore Imports

AMMONIA PERCHLORATE—21 bbls, Schodack, Havre
BONE FLOUR—550 bgs, Livenza, Fiume
494 bgs, Livenza, Trieste
IRON ORE—21,800 tons, Bethlehem Steel Co, Lebore, Cruz Grande
22,000 tons, Bethlehem Steel Co, Chilore, Cruz Grande
7,042 tons, Leo J Buck, Erik Frisell, Narvik
7,849 tons, Leo J Buck, Laponia, Narvik
MANGANESE ORE—3,200 tons, Herma, Santiago, Cuba
MARBLE DUST—1,800 bgs, Livenza, Venice
OIL, FUEL—40,000 bbls, Standard Oil Co N J, Niobe, Aruba
TALC—450 bgs, Moore & Munger, Schodack, Bordeaux
TANKAGE—800 bgs, Anita, Montevideo
1,100 bgs, Anita, Buenos Aires

Boston Imports

ACETONE — 1 dm, Atkinson Haserick Co, American Importer, Liverpool
ACID, CRESYLIC—30 dms, American Importer, Manchester
STEARIC—300 bgs, 33,399 lbs, Black Falcon, Antwerp
ALBUMEN, EGG, HEN—28 cs, T M Duche & Sons, Kongo, Kobe
CHEMICALS—250 bgs, 50,000 lbs, Black Falcon, Antwerp
84 dmjns, 14 bgs, 15,136 lbs, Black Falcon, Rotterdam
50 cks, 23,876 lbs, Advance Solvents & Chemical Corpn, Black Falcon, Rotterdam
107 dms, 58,501 lbs, Innis, Speiden & Co, Black Falcon, Rotterdam
50 cks, 6,504 lbs, American Cyanamid & Chemical Corpn, Black Falcon, Rotterdam
100 bgs, 22,046 lbs, Manufacturers' Chemical Co, Black Falcon, Rotterdam
200 cks, 25,121 lbs, Exeter, Genoa
COCOA BEANS—754 bgs, 113,052 lbs, W & A Leaman, Black Falcon, Rotterdam
3,126 bgs, 489,302 lbs, Machado & Co, Almena, Trujillo
12,374 bgs, 1,936,860 lbs, Machado & Co, Almena, Sanchez, S D
4,645 bgs, American Importer, Liverpool
CODLIVER MEAL—1,103 half bgs, 110,230 lbs, Wessel Duval & Co, Black Falcon, Antwerp
COLOR, EARTH—10 cks, 4,488 lbs, American Express Co, Exeter, Leghorn
COPPERAS—300 bgs, 33,069 lbs, Chemical Marketing Co, Black Falcon, Antwerp
EMERY FILLET—1 cs, Atkinson Haserick Co, American Importer, Liverpool
FAT, VEGETABLE—1 bx, American Importer, Liverpool
FISH LIVERS—1 bx, R S Hamilton, Evangeline, Yarmouth
5 cs, Atlantic Coast Fisheries Corpn, Nova Scotia, Halifax
21 cs, from Nova Scotia
2 cs, John Nagle, Yarmouth, St John, N B
1 cs, R S Hamilton, Yarmouth, St John, N B
MEAL—1,000 bgs, 100,000 lbs, Kongo, Kobe
GAMBIER—85 cs, Littlejohn & Co, Thurland Castle, Belawan
GELATIN—265 bgs, 29,795 lbs, Rob D McLellan, Black Falcon, Rotterdam
GLASS, PLATE—14 cs, 44,290 lbs, Karas & Karas Glass Co, Black Falcon, Antwerp
WINDOW—2 cs, 5,124 lbs, Capulin, Hamburg
GLUESTOCK, FISH—5 bxs, 2 bbls, J R Poole, Evangeline, Yarmouth
5 bxs, 1 bbl, J R Poole, Yarmouth, Yarmouth
HIDE—368 bgs, American Express Co, Nova Scotia, Liverpool
106 bgs, American Importer, Liverpool
GLYCERIN—52 dms, 40,447 lbs, Black Falcon, Rotterdam
GOLD THREAD—1 bg, C E Gould, Evangeline, Yarmouth
GUM, INDUSTRIAL—50 cks, 25 bgs, J P Marston Co, American Importer, Liverpool
IRON OXIDE—45 bgs, 20 dms, Reichard Coulston, American Importer, Liverpool
LEAVES, DRY—40 bls, 4,645 lbs, Exeter, Marseilles
LIME JUICE—40 cks, Lady Hawkins, Trinidad
40 hogsheads, J P W Von Laer Co, Lady Hawkins, Dominica
MEDICINAL PREPS—1 cs, Stone & Downer, American Importer, Liverpool
NUTMEGS—100 bgs, Lady Hawkins, Grenada
OCHER—50 bgs, 8 cks, 7,428 lbs, Reichard Coulston, Exeter, Marseilles
OIL, COD—15 bbls, Marden Wild Corp, Yarmouth, St John, N B
225 dms, Mead, Johnson & Co, Nova Scotia, St John's, N F
356 cks, 35 dms, from Newfoundland
25 cks, 25 dms, F W Damon, Nova Scotia, St John's, N F
163 cks, from Nova Scotia
150 dms, 110,230 lbs, Capulin, Hamburg
CODLIVER—28 dms, from Newfoundland
LUBRICATING—75 bbls, 42,079 lbs, Black Falcon, Antwerp
SPERM—150 bbls, 16 dms, California, Glasgow
OSSEIN—1,000 bgs, 101,764 lbs, Atlantic Gelatine Co, Black Falcon, Antwerp
1,291 bgs, 157,382 lbs, Black Falcon, Antwerp
PEATMOSS—350 bls, 54,013 lbs, Halfmoon Manufacturing & Trading Co, Black Falcon, Rotterdam
750 bls, 108,797 lbs, Peat Import Corp, Capulin, Bremen
POLISH, POWDER—2 cs, Edgren Trading Co, Tunaholm, Gothenburg
POTASH, MURIATE—4,136,050 lbs, N V Potash Export My, Christian Krohg, Antwerp
SULPHATE—450 bgs, 80,999 lbs, N V Potash Export My, Christian Krohg, Antwerp
PUMICE—1,134 bgs, 150,001 lbs, James H Rhodes & Co, Exeter, Genoa
100 bgs, 22,046 lbs, James H Rhodes & Co, Exeter, Genoa
80 bgs, 17,637 lbs, John A Conkey & Co, Exeter, Genoa
150 bgs, 33,069 lbs, Charles B Chrystal Co, Exeter, Genoa
LUMP—35 bgs and 2 cks, 3,748 lbs, John A Conkey & Co, Exeter, Genoa
QUEBRACHO EXTRACT—871 bgs, 92,651 lbs, Tannin Corpn, Satartia, Buenos Aires
4,455 bgs, 487,947 lbs, American Tanners, Satartia, Buenos Aires
600 bgs, 47,292 lbs, International Products Corpn, Satartia, Buenos Aires
SAND, IRON—40 bgs, Capulin, Dundee
SOAP—1 crtn, Jordan Marsh Co, Black Falcon, Antwerp
STARCH, CHEMICALLY TREATED—500 bgs, 55,115 lbs, A M Meincke & Son, Black Falcon, Rotterdam
POTATO—500 bgs, 110,230 lbs, Black Falcon, Rotterdam
SOLUBLE—50 bgs, 11,023 lbs, Stein, Hall & Co, Black Falcon, Rotterdam
TALC—200 bgs, Hudson Import Co, Kongo, Kobe
TAPIOCA FLOUR—560 bgs, Guaranty Trust Co, Thurland Castle, Pasoeroean
WAX, MONTAN—200 bgs, 33,069 lbs, Brown Bros Harriman & Co, Capulin, Hamburg

Houston Imports

CANARY SEED—100 bgs, Lykes Brothers, Ruth Lykes, Cristobal
CHEMICALS—25 dms, Fowler & McVite, Stureholm, Gothenburg
197 dms, Lykes Brothers, Scottsburg, Rotterdam
TUNGSTEN METAL POWD—40 dms, Lykes Brothers, Scottsburg, Rotterdam

Los Angeles Imports

AGAR AGAR—460 lbs, Yamabiko, Kobe
AMMONIA PHOSPHATE—1,500 bgs, 150,080 lbs, Rosebank, Trail
SULPHATE—200 bgs, 20,160 lbs, Rosebank, Trail
BLACK LAMP—5 lbs, San Francisco, Paris
CAMPHOR, REFD—10 lbs, Asakasan, Yokohama
CASSIA, UNGRD—150 bls, Granville, Hongkong
CHEMICAL COMP—120 lbs, Asakasan, Kobe
590 lbs, Rakuyo, Yokohama
CHILLIES—100 bgs, 10,000 lbs, Vito, Kobe
CINNAMON—50 bls, 5,000 lbs, President Coolidge, Colombo
COALTAR PRODUCT—Asakasan, Yokohama
COCOA BUTTER—720 lbs, Narenta, London
COCONUTS—25 bgs, 3,500 lbs, Europa, Kingston
84 bgs, 10,500 lbs, San Bernardino, Colon
COCONUT DESIC—230 lbs, from Colombo
527 cs, 72,280 lbs, Anna Maersk, Manila
COLORS, CERAMIC—200 lbs, Corrientes, Birmingham
COPRA MEAL—350,000 lbs, President Coolidge, Manila
1,120 bgs, 113,080 lbs, Havelland, Manila
CRAYONS—10 lbs, San Francisco, Paris
150 lbs, Narenta, London
ETHYLENE TRICHLORIDE—2,470 lbs, Asakasan, Yokohama
FERTILIZER—700 bgs, 93,340 lbs, Vito, Kobe
990 lbs, Kyusyu, Yokohama
1,620 bgs, 161,280 lbs, Naruto, Kobe
FISH LIVERS—40 lbs, President Coolidge, Capetown
10,000 lbs, Naruto, Japan
29,920 lbs, Kyusyu, Yokohama
GINGER ROOT—1,000 lbs, President Coolidge, Hongkong
GUM, DAMMAR—25 cs, 5,600 lbs, Bengalen, Singapore
MEDICINAL PREP—390 lbs, Asakasan, Yokohama
20 lbs, Weser, Riga
NUTMEGS, UNGD—20 bgs, 4,000 lbs, West Camargo, Port Spain
OIL, CHINAWOOD—50 dms, 21,000 lbs, Granville, Hongkong
COTTONSEED—840 dms, 336,000 lbs, Kyusyu, China
MINERAL—150 dms, 58,200 lbs, Europa, Copenhagen
PEANUT—3,600 lbs, President Coolidge, Hongkong
300,000 lbs, President Coolidge, Hongkong
104 dms, 44,370 lbs, President Coolidge Tientsin
3,600 lbs, Granville, Hongkong
248 dms, 223,580 lbs, Narenta, Grand Bassam
150 dms, 61,500 lbs, Anna Maersk, Hongkong
SPERM—5 dms, 3,900 lbs, Corrientes, Glasgow
VARNISH—20 lbs, San Francisco, Paris
ORANGE PEEL—240 lbs, President Coolidge Hongkong
PEATMOSS—600 bls, 73,920 lbs, Europa, Copenhagen
POTASH, CAUSTIC—880 lbs, Weser, Hamburg
RESIN, VINYL—1,000 lbs, From Montreal
ROSIN—70 lbs, From Prague
SEAWEEDS—20 lbs, Vito, Kobe
390 lbs, Asakasan, Yokohama
120 lbs, Kyusyu, Yokohama
SESAME SEED—150 lbs, Kyusyu, Yokohama
SHELLAC—3,280 lbs, Bengalen, Calcutta
SOAP—200 cs, 10,650 lbs, Narento, Marseilles
TOILET—3 lbs, From Paris
SODA, CAUSTIC—1,320 lbs, Weser, Hamburg
SOYBEANS—50 lbs, Asakasan, Japan
TANKAGE—717 bgs, 64,000 lbs, Haurak Wellington
454 bgs, 49,650 lbs, West Camargo, Buenos Aires

TOILET PREPS—50 lbs, Yamabiko, Yokohama
52 lbs, Asakasan, Yokohama
601 lbs, From Guaymas
WAX, CARNAUBA—57 bgs, 11,310 lbs, West Camargo, Fortaleza

New Orleans Imports

ALMOND PASTE—3 tins, A M J Solari, Breedijk, Rotterdam
BAUXITE ORE, CRUSHED — 2,285 tons, Aluminum Ore Co, Austvangen, Paramaribo
2,515 tons, Aluminum Ore Co, Lindvangen, Paramaribo
331 tons, Aluminum Line, Lindvangen, Port of Spain
CHEMICALS—158 dms, Advance Solvents & Chemical Corp, Breedijk, Rotterdam
CLAY—6 bbls, Dr. H Shilstone, Lindvangen, Barbados
COCONUT, DESIC—200 cs, Balfour, Guthrie & Co, Ulua, Cristobal
COCONUTS—150 sks, W A Gordon & Co, Port Antonio, Belize
10 sks, Fruit Dispatch Co, Port Antonio, Belize
102 sks, Fruit Dispatch Co, Baja California, Swan Island
GLASS, WINDOW—235 cs, Breedijk, Antwerp
GUM, CHICLE—416 sks, Mexican Exploitation Co, Port Antonio, Cozumel
INK—22 dms, Hill, Hentschel Co, Ulua, Havana
OIL, CHINAWOOD—404 tons, National City Bank of Cleveland, Glaucus, Hongkong
COCONUT—1,244 tons, Philippine Refining Corp, Madoera, Cebu
LINSEED—20 cs, 1 dm, Breedijk, Rotterdam
LUBRICATING—60 dms, Breedijk, Antwerp
PALM—240 tons, Glaucus, Belewan Deli
PEATMOSS—399 bls, Premier Peat Moss Corp, Breedijk, Rotterdam
STARCH—600 sks, Breedijk, Rotterdam
TAPIOCA FLOUR—601 sks, Glaucus, Cheribon 1,416 sks, Glaucus, Batavia
VANILLA BEANS—12 cs, Dodge & Olcott, Tegucigalpa, Vera Cruz
10 cs, M Cortizas & Co, Tegucigalpa, Vera Cruz

Philadelphia Imports

ACID, CRESYLIC—25 dms, Manchester Producer, Manchester
AGAR AGAR—5 bls, McKessons & Robbins, Hokkai, Kobe
BERYLLIUM ORE—1,031 bgs, Watson Geach & Co, West Calumb, Buenos Aires
CANARY SEED—381 bgs, Anita, Buenos Aires
CARAWAY SEED—100 bgs, American Bluefreisveem, Black Condor, Rotterdam
CHEMICALS—150 bbls, H S Dorf & Co, Cold Harbor, Liverpool
20 cks, Wm Toepfer, Black Condor, Antwerp
70 bbls, Goldschmidt Corp, Black Condor, Rotterdam
700 dms, Black Condor, Rotterdam
105 bbls, Innis Speiden Co, Black Condor, Antwerp
COCOA BEANS—1,000 bgs, Chase National Bank, Rio Branco, Ilheos
4,500 bgs, Neischlag & Co, Rio Branco, Ilheos
2,000 bgs, National City Bank, Rio Branco, Rio Branco
WASTE—2,900 bgs, W & A Leaman, Black Condor, Rotterdam
2 bgs, W & A Leaman, Black Condor, Rotterdam
COLORS—1 cs, Wm J Jones & Co, Black Condor, Rotterdam
1 pkg, E I du Pont de Nemours & Co, Black Condor, Rotterdam
EARTH—80 bgs, R T French Co, Black Condor, Antwerp
CORK, REFUSE—3,960 bls, Cork Insulation Co, Venus, Djidjelli
VIRGIN — 2,978 bls, Cork Insulation Co, Venus, Djidjelli
2,464 bls, Cork Insulation Co, Venus, Casablanca
GAMBIER—90 cs, Chase National Bank, Siamese Prince, Belawan Deli
GLYCERIN—115 dms, West Calumb, Buenos Aires
299 dms, Mitsui & Co, Asakasan, Kobe
GREAVE CAKES — 939 cks, Anita, Buenos Aires
SWEEPINGS—8 bgs, Anita, Buenos Aires
GYPSUM, CRUDE—5,750 tons, U S Gypsum Co, Gypsum Queen, Windsor
IRON OXIDE—20 cks, Jos A McNulty, Manchester Producer, Manchester
MAGNESITE, CALC—80 bbls, Innis, Speiden Co, Black Condor, Rotterdam
MENTHOL—25 cs, Mitsui & Co, Asakasan, Kobe
MOLASSES — 367,000 gls, Emmy Friederich, Casilda
900,000 gls, Emmy Friederich, Manzanillo
MONAZITE SAND—100 bgs, Teesbank, Cochin 20 bgs, Tenant Boro & Co, Vincent, London
MYROBALANS — 2,000 pkts, Guaranty Trust Co, Teesbank, Calcutta
OIL, CODLIVER—450 dms, Vincent, Hamburg
CORN—84,549 kilos, Black Condor, Rotterdam
96,791 kilos, Black Condor, Antwerp
COTTONSEED—1,050 dms, Rio Branco, Rotterdam
550 dms, Cape Coeso, Natal
LUBRICATING, WHITE — 35 dms, Black Condor, Antwerp
OLIVE—12 cs, Giulia, Seville
PALM—50 dms, Black Condor, Rotterdam
RAPESEED—344 tons, Mitsui & Co, Yamabiko, Kobe
TEASEED—200 dms, Leghorn Trading Co, Tweedbank, Hongkong
PEATMOSS—450 bls, Marine Midland Trust Co, Black Condor, Rotterdam
PEPPER, BLACK—700 bgs, Tweedbank, Oosthaven
1,548 bgs, Catz American Co, Siamese Prince, Telok Betong
PETROLEUM, CRUDE—109,735 bbls, Gulf Oil Corp, Gulfwing, Las Piedras
PYRITES ORE—7,681 tons, Nyanza, Huelva
8,544 tons, Baron Elphinsotne, Huelva
QUEBRACHO WOOD—6,706 tons, Tannin Corp, Segundo, Santa Fe
EXTRACT—52 tons, Tannin Corp, Segundo, Santa Fe
RAPESEED—924 bgs, Anita, Buenos Aires
SESAME SEED—130 bgs, Teesbank, Colombo
SUMAC, GRD—700 bgs, F J Valentine & Co, Giulia, Palermo
TANKAGE—1,638 bgs, Anita, Buenos Aires
977 bgs, Wilson & Co, Buenos Aires
2,059 cakes, Anita, Buenos Aires
1,016 bgs, Anita, Rio de Janeiro
1,016 bgs, West Calumb, Santos
TAPIOCA FLOUR—800 bgs, Tweedbank, Sourabaya
840 bgs, Guaranty Trust Co, Siamese Prince, Pasoeroean
250 bgs, Tabinta, Tandjong Priok
TIMBO POWDER—105 cs, Cape Corso, Para
TITANIUM ORE—412 bgs, West Calumb, Santos
VANILLA BEANS—3 cs, Louis Smith, Rio Branco, Bahia
WATER, MINERAL—128 cs, John Wagner & Sons, Vincent, London
WAX, CARNAUBA—111 bgs, Chase National Bank, Cape Corso, Areicf Brenco
111 bgs, Chase National Bank, Cape Corso, Ceara
45 bgs, Bank of Manhattan, Cape Corso, Ceara
VEGETABLE—100 cs, Mitsui & Co, Asakasan, Kobe
17 bgs, Rio Branco, Bahia
WETTING AGENT—26 dms, Ciba Co, Black Condor, Rotterdam

Portland, Ore., Imports

CHEMICALS—10 cs, Narenta, Rotterdam
26 dms, Advance Solvents & Chemical Corp, Narenta, Rotterdam
SILVERSAND—100 tons, Balfour, Guthrie & Co, San Francisco, Antwerp
WATER, MINERAL—50 cs, Tonkin Distributin Co, Narenta, London

San Francisco Imports

ACID, CITRIC—36 cs, Maunawili, Honolulu
423 cs, Maunalei, Honolulu
CASSIA—200 bls, S H Tyler & Son, Granville, Hongkong
100 bls, McClintock-Stern Co, Granville, Hongkong
CHEMICAL FERTILIZER—140 sks, Wilson & George Meyer & Co, Weser, Hamburg
COCONUT, DESIC—100 cs, Wood & Selick, Granville, Manila
COLORS, EARTH—5 csks, Reichard-Coulston, Weser, Bremen
COPRA—250 tons, Granville, Zamboanga (for Oakland)
250 tons, Western Vegetable Oil Co, Granville, Borongan (for Oakland)
450 tons, El Dorado Oil Works, Granville, Borongan (for Oakland)
CORKWOOD—20 bls, Armstrong Cork Co, Weser, Bremen
GLASS, WINDOW—13 cs, R K Davidson, Weser, Hamburg
590 cs, Smith Glass Co, Weser, Antwerp
25 cs, Corrientes, Liverpool
GUM, ARABIC—20 sks, Chase National Bank, Corrientes, Liverpool
COPAL—1 pkg, H M Newhall & Co, Silverbelle, Macassar
119 bskts, D Hecht & Co, Silverbelle, Macassar
254 bskts, Henry W Peabody & Co, Silverbelle, Macassar
12 bskts, Silverbelle, Macassar
HOPS—12 bls, Joh Barth & Sohn, Weser, Hamburg
LARD COMPOUND—1 tin, Balfour, Guthrie & Co, Silverbelle, Manila
MACE—55 cs, B C Ireland, Silverbelle, Macassar
MARGARIN—400 tins, David B Berelson, Granville, Manila
MOLASSES—1,200,000 lbs, Makawao, Ahukini 2,000,000 lbs, Maunawili, Kahului 86,739 gls, Mana, Hilo
NUTMEGS—65 sks, B C Ireland, Silverbelle, Banda
ODORANT, INDUST—2 dms, Shell Oil Co, Weser, Hamburg
OIL, LUBRICATING—170 pkgs, Schou-Gallis Co, Europa, Copenhagen
PALM—227 tons, Banque Belge pour l'Etranger, Granville, Belawan
275 tons, Van Leeuwen Boomkamp & Co, Silverbelle, Belawan
PEANUT—50 cs, Kwong Yick, Granville, Hongkong
SESAME—118,671 kilos, Durkee Famous Foods, Weser, Antwerp
SHARK—17 dms, Roma & Co, Weser, Mazatlan
PAPRIKA—50 sks, McClintock-Stern Co, Weser, Hamburg
50 sks, R T French Co, Weser, Hamburg
25 sks, California Casing Co, Weser, Hamburg
PEANUTS, SHELLED—300 sks, M S Cowen Co, Silverbelle, Manila (for Oakland)
PEATMOSS—2 sks, Paul Givant, Weser, Antwerp
200 bls, East Asiatic Co, Europa, Copenhagen
PEPPER, BLACK—75 sks, Granville, Oosthaven
SHELLAC—50 sks, Silverbelle, Calcutta
SODA CHLORATE — 1,000 dms, Chipman Chemical Co, Weser, Antwerp
TAPIOCA FLOUR—102 sks, Hoyt, Shepston & Sciaroni, Silverbelle, Batavia
55 sks, Hoyt, Shepston & Sciaroni, Silverbelle, Sourabaya
55 sks, Hoyt, Shepston & Sciaroni, Silverbelle, Sourabaya (for Oakland)
THALIUM SULPHATE—8 cs, Braun-Knecht-Heimann Co, Weser, Antwerp
UREA—12 sks, Wilson & George Meyer & Co, Weser, Antwerp
WAX, BEES—79 cs, Lurline, Honolulu
WHITING, BOLTED—320 sks, Europa, Copenhagen

Savannah Imports

SAGO FLOUR—769 bgs, Silverwalnut, Singapore

Seattle Imports

CHALK—500 sks, San Francisco, Antwerp
PRECIPITATED—12 bbls, H J Baker & Bros, Gracia, Liverpool
DEGRAS—6 dms, L H Butcher Co, Pacific President, Manchester
GLASS, WINDOW—61 cs, U S National Bank of Portland, San Francisco, Antwerp
PAINT—2 cs, T Skinner & Son, Pacific President, Manchester
PEPPER—20 sks, Banque de Bruxelles, San Francisco, Antwerp
SILVERSAND—300 tons, Balfour, Guthrie & Co, San Francisco, Antwerp
SODA CHLORATE—1,000 dms, San Francisco, Antwerp
VERMIN EXTERMINATOR—2 cs, Narenta, London

Tampa Imports

ALMOND PASTE—2 cs, P & O SS Co, Cuba, Havana
SOAP AND PERFUMERY—5 crtns, P & O SS Co, Cuba, Havana

Exports from U.S. Ports

New York Exports

Clearance Dates

Agwidale, July 23; Almena, July 14; American Banker, July 8; Antigua, July 9; Artigas, July 15; Atutasan, July 11; Barbarigo, July 16; Birmania, June 24; Black Eagle, July 20; Black Hawk, July 25; Blankaholm, July 1; Bremen, July 1, 19; Britannic, July 8; Buenaventura, July 19; Champlain, July 21; Chiriqui, July 9; City of Dieppe, July 22; City of Evansville, July 16; City of Khios, July 12; City of Oran, July 16; Conte Savoia, July 15; Cristobal, July 12; Edam, July 16; Ewa, July 18; Exermont, July 13; Exmouth, July 20; Fernmoor, July 16; Gypsum King, July 30; Helga, July 15; Ingrid, July 22; International, July 22; Jamaica, July 13; Kahuku, July 13; Karmt, July 14; Laila, July 1; Macharda, July 25; Manhattan, July 12; Mexico, July 21; Mormactide, July 22; Musa, July 21; Noto, July 18; Oslofjord, July 19; Parnahyba, July 8; Pastores, July 15; Pipestone County, July 19; Platano, July 14; Pocone, July 10; President Harding, July 7; Rex, July 22; Samaria, July 15; San Jacinto, July 23; Santa Elena, July 7; Santa Inez, July 15; Santa Paula, July 21; Scanmail, July 15; Scotia, July 15; Snar, July 8; Svaneholm, July 22; Tai Yin, June 30; Talamanca, June 11; Transylvania, July 20; Veragua, July 20; Volendam, July 8 West Humhaw, June 28; Western World, July 15; Westernland, July 8

ACETONE — 2,502 lbs, Oslofjord, Bergen; 32,804 lbs, Mormactide, Norrkoping
ACID, BORIC—1,000 lbs, Musa, Puntarenas
CAPROIC—83 lbs, Pipestone County, Havre
CITRIC—640 lbs, Buenaventura, Panama
MONOCHLORACETIC—4,536 lbs, Britannic, Liverpool
MURIATIC—3,700 lbs, Veragua, Kingston
SULPHURIC — 41,129 lbs, Helga, Callao; 2,750 lbs, Jamaica, Porto Colombia; 6,742 lbs, Musa, Ciudad
ALCOHOL, BUTYL—660 gls, Black Hawk, Antwerp; 660 gls, Mormactide, Stockholm
DENATURED—825 gls, Jamaica, Cartagena
AMMONIA, ANHYDR—14,522 lbs, Antigua, Santiago
SULPHATE—2,020 lbs, Musa, Ciudad
AMYL ACETATE—6,160 lbs, City of Dieppe, Sydney
ASPHALT—14,184 lbs, Exhibitor, Istanbul; 19,475 lbs, City of Khios, Calcutta; (Exmouth) 14,840 lbs, Istanbul; 265,804 lbs, Tunis; 9,900 lbs, Pipestone County, Bordeaux; 18,680 lbs, Transylvania, Glasgow; 10,045 lbs, San Jacinto, San Juan; (Artigas) 33,404 lbs, Manchester; 11,372 lbs, Liverpool; (City of Dieppe) 1,603,200 lbs, Sydney; 1,590,400 lbs, Melbourne
LIQUID—42,564 lbs, Statendam, Rotterdam; 39,962 lbs, Exmouth, Tunis; 49,964 lbs, President Harding, Hamburg; 12,836 lbs, Oslofjord, Trondhjem; (Mormactide) 26,604 lbs, Malmo; 39,389 lbs, Stockholm; 26,640 lbs, Norrkoeping; 26,705 lbs, Gefle; 40,048 lbs, Ornskoldsvik
BABASSU MEAL—226,240 lbs, Volendam, Rotterdam
BENZENE—33,000 gls, City of Evansville, Capetown
BLACK, BONE—7,308 lbs, Rex, Genoa
BLUE, ULTRAMARINE—1,203 lbs, Helga, Callao; 972 lbs, Chiriqui, Limon
VITRIOL—20,000 lbs, Gypsum King, Windsor
BUTYL ACETATE—12,404 lbs, Black Hawk, Antwerp; 3,987 lbs, Mormactide, Stockholm
CALCIUM CARBIDE—10,600 lbs, Snar, Boca Caripe
CHLORIDE—8,417 lbs, Helga, Buenaventura; 2,090 lbs, Jamaica, Kingston
CHLORIDE FLAKE—13,732 lbs, Pocone, Santos
MOLYBDATE—48,469 lbs, President Harding, Hamburg
CASEIN—1,388 lbs, Britannic, Liverpool
CHEMICALS—2,350 lbs, Western World, Rio Janeiro; 2,240 lbs, Samaria, Liverpool; 2,720 lbs, American Banker, London; 29,901 lbs, Mormactide, Stockholm; 1,490 lbs, Scanmail, Stockholm
CHLORINE LIQ—(Buenaventura) 5,743 lbs, Porto Colombia; 3,504 lbs, Cartagena
CHROME SULPHATE—5,060 lbs, Scotia, Porto Alegre
CLEANER—106,080 lbs, Ewa, Honolulu
COALTAR INTERMEDIATES — 17,220 lbs, Mexico, Vera Cruz
CORN FLOUR—377 lbs, Pastores, Porto Barrios; 8,076 lbs, Helga, Callao; 1,000 lbs, Antigua, Porto Barrios; 524 lbs, Musa, Porto Barrios; 5,109 lbs, Talamanca, Puntarenas
SUGAR—508 lbs, Oslofjord, Stavanger; 305 lbs, San Jacinto, San Juan
SYRUP—336 lbs, Pastores, Porto Barrios; (City of Khios) 75,015 lbs, Bombay; 7,510 lbs, Colombo; 75,020 lbs, Madras; (Talamanca) 22,654 lbs, Havana; 1,764 lbs, Panama; 5,380 lbs, Antigua, Porto Barrios; 210 lbs, Musa, Porto Barrios; 4,200 lbs, City of Oran, Manila; (Tai Yin) 2,320 lbs, Manila; 300 lbs, Iloilo; 10,750 lbs, Santa Elena, La Guaira; 3,066 lbs, Laila, Buenaventura
DEXTRIN, CORN—21,432 lbs, City of Dieppe, Sydney
DICHLORODIFLUOROMETHANE — 1,069 lbs, Mormactide, Stockholm; 3,212 lbs, Scanmail, Gothenburg
DIETHYL SULPHATE—4,165 lbs, Pipestone County, Havre
DIETHYLENEGLYCOL — 9,088 lbs, Transylvania, Glasgow
DISINFECTANT—1,188 lbs, Musa, Panama
DYES, ANILIN—1,204 lbs, Mormactide, Gothenburg
DYEWOOD EXTRACT—19,697 lbs, Conte Savoia, Genoa; 2,397 lbs, Samaria, Liverpool
ETHYL ACETATE—444 lbs Oslofjord, Oslo
FLUID—(Exmouth) 1,000 gls, Constanza; 200 gls, Istanbul; 580 gls, Pipestone County, Havre; Fernmoor) 270 gls, Lisbon; 1,660 gls, Haifa; 1,285 gls, Beirut
FELDSPAR—4,040 lbs, Talamanca, Panama
FERROTITANIUM — 26,025 lbs, Pipestone County, Havre
FERTILIZER—10,200 lbs, Talamanca, Balboa
FULLER'S EARTH — 10,000 lbs, Statendam, Rotterdam
GASOLINE — (City of Evansville) 1,000 gls, Morondava; 1,000 gls, Majunga
GELATIN—675 lbs, Talamanca, Havana; 1,337 lbs, Samaria, Liverpool
GLASS, WINDOW—4,215 lbs, Talamanca, Sagua
GLUCOSE, SOLID—(City of Khios) 900 lbs, Karachi; 302 lbs, Rangoon; 2,850 lbs, Calcutta; 1,410 lbs, City of Dieppe, Sydney
GLUE—9,920 lbs, Bremen, Bremen
PRESERVER—6,390 lbs, Britannic, Liverpool
GRAPHITE—19,630 lbs, Samaria, Liverpool
GREASE, LUBRICATING—23,288 lbs, Pocone, Rio de Janeiro; (City of Evansville) 15,600 lbs, Capetown; 15,265 lbs, Port Elizabeth; 2,715 lbs, East London; 42,188 lbs, Durban; 10,885 lbs, Lourenco Marques; 6,474 lbs, Beira; 2,186 lbs, Majunga; (Western World) 948 lbs, Rio de Janeiro; 18,080 lbs, Buenos Aires; 146,590 lbs, Samaria, Liverpool; 35,381 lbs, Britannic, Liverpool; 4,902 lbs, Gerolstein, Rotterdam; 2,126 lbs, Scotia, Rio Grande; 14,288 lbs, City of Oran, Dairen; 9,536 lbs, American Banker, London; 27,690 lbs, President Harding, Havre; (Manhattan) 5,028 lbs, Havre; 10,575 lbs, Hamburg; 13,280 lbs, Tai Yin, Manila; 10,213 lbs, Pipestone County, Havre; (Artigas) 9,566 lbs, Manchester; 6,505 lbs, Liverpool; 4,346 lbs, Oslofjord, Oslo; (Svaneholm) 5,519 lbs, Gothenburg; 370 lbs, Malmo; 1,218 lbs, Norrkoping; 1,259 lbs, Stockholm; 5,550 lbs, Veragua, Kingston; 4,630 lbs, Fernmoor, Lisbon; (West Humhaw) 1,586 lbs, Duala; 2,400 lbs, Port Gentil; 1,581 lbs, Boma; 21,800 lbs, Matadi; 44,028 lbs, Machardá, London; (City of Dieppe) 8,826 lbs, Sydney; 2,562 lbs, Melbourne; 8,462 lbs, Adelaide; 12,494 lbs, Mormactide, Stockholm; (Blankaholm) 6,197 lbs, Gothenburg; 4,191 lbs, Helsingborg; (Scanmail) 2,372 lbs, Gothenburg; 4,764 lbs, Copenhagen; 5,456 lbs, Laila, Callao
GUM, ARABIC—3,578 lbs, Western World, Rio de Janeiro
TRAGACANTH—3,056 lbs, Western World, Rio de Janeiro
INK, PRINTING—25,519 lbs, Karmt, Buenos Aires
INSECTICIDE—(Helga) 7,695 lbs, Valparaiso; 32,289 lbs, San Antonio
AGRICULTURAL — 8,721 lbs, Mormactide, Wiborg; (Scanmail) 76,720 lbs, Stockholm; 31,700 lbs, Helsingfors; 6,620 lbs, Blankaholm, Stockholm
IRON OXIDE—18,252 lbs, Rex, Genoa
ISOPROPYL ACETATE—433 lbs, Oslofjord, Oslo
KEROSENE—(West Humhaw) 100 gls, Sao Thome; 3,000 gls, Point Noire
LACQUER—1,215 lbs Black Hawk, Antwerp; (Scanmail) 4,400 lbs, Gothenburg; 1,399 lbs, Stockholm
COLORED—3,070 lbs, Birmania; Genoa
THINNER—2,200 gls, City of Khios, Calcutta; 1,760 gls, Black Hawk, Amsterdam
LARD—34,040 lbs, Exhibitor, Malta; 31,750 lbs, Aquitania, Southampton; 18,502 lbs, Almena, San Pedro; 106,225 lbs, Talamanca, Havana; 71,806 lbs, Samaria, Liverpool; 278,925 lbs, Britannic, Liverpool; 49,488 lbs, Gerolstein, Rotterdam; 51,923 lbs, American Banker, London; 112,076 lbs, Artigas, Manchester; 9,750 lbs, Transylvania, Glasgow; 25,520 lbs, Veragua, Colon
LEAD, ARSENATE—1,120 lbs, Western World, Montevideo; 124,196 lbs, Karmt, Buenos Aires; (Laila) 2,818 lbs, Callao; 25,478 lbs, Valparaiso; 37,879 lbs, Talcahuano
BLUE, SUBLIMED—1,598 lbs, Musa, La Libertad
LEAVES—3,820 lbs, Statendam, Rotterdam
LINSEED CAKE—(Black Hawk) 941,847 lbs, Antwerp; 945,030 lbs, Rotterdam; 680,868 lbs, Manhattan, Hamburg; 453,671 lbs, President Harding, Havre; 444,742 lbs, Pipestone County, St Nazaire
LUBRICANTS—28,531 lbs, Birmania, Naples
METHANOL—550 gls, Laila, Buenaventura
MINERAL SPTS—9,850 gls, Parnahyba, Rio Janeiro
NAPHTHA — (West Humhaw) 85,000 gls, Dakar; 1,000 gls, Conakry; 10,000 gls, Freetown; 15,000 gls, Grand Lahou; 17,000 gls, Sao Thome; 20,000 gls, Libreville; 16,775 gls, Port Gentil; 100 gls, Point Noire
OIL, CASTOR—6,060 lbs, Tai Yin, Manila; 5,136 lbs, Mormactide, Gothenburg
COCONUT, REFD—5,077 lbs, Antigua, Santiago
COOKING—3,283 lbs, San Jacinto, San Juan; 342 lbs, Platano, Santa Marta
CORN—3,652 lbs, San Jacinto, San Juan; (City of Evansville) 4,050 lbs, Capetown; 2,550 lbs, Lourenco Marques
CREOSOTE, REFD—4,884 lbs, Jamaica, Kingston
EDIBLE—6,317 lbs, Pastores, Porto Barrios; 1,898 lbs, Helga, Buenaventura; 5,000 lbs, Chiriqui, Limon; (Talamanca) 2,250 lbs, Limon; 2,500 lbs, Puntarenas; 2,153 lbs, Guayaquil; 4,465 lbs, Buenaventura
ENGINE—4,200 gls, Volendam, Rotterdam
FUEL—27,500 gls, West Humhaw, Freetown
GAS—(West Humhaw) 4,400 gls, Lagos; 5,500 gls, Apapa; 2,750 gls, Abonema; 275 gls, Sao Thome; 22,000 gls, Libreville; 16,500 gls, Port Gentil
LUBRICATING—26,400 gls, Artigas, Manchester; (Oslofjord) 846 gls, Trondhjem; 24,358 gls, Bergen; 34,880 gls, Oslo; (Svaneholm) 5,240 gls, Gothenburg; 990 gls, Norrkoping; 22,990 gls, Stockholm; 1,100 gls, Sundsvall; 2,730 gls, Rex, Genoa; (Black Hawk) 12,390 gls, Antwerp; 550 gls, Rotterdam; (Champlain) 2,750 gls, Bordeaux; 25,200 gls, Dunkirk; 11,985 gls, Havre; (Santa Paula) 2,750 gls, Porto Colombia; 12,500 gls, La Guaira; 19,525 gls, Noto, Yokohama; 19,250 gls, Exhibitor, Piraeus; (Birmania) 21,336 gls, Genoa; 6,600 gls, Fiume; 22,606 gls, Trieste; 3,024 gls, Venice; (Conte Savoia) 11,495 gls, Naples; 3,360 gls, Genoa; 1,150 gls, Statendam, Rotterdam; 295,735 gls, Barbarigo, Vado-Fiume; (Exermont) 6,050 gls, Casablanca; 18,250 gls, Piraeus; 3,905 gls, Salonica; 11,275 gls, Pastores, Tela; (Santa Inez) 2,420 gls, Buenaventura; 3,850 gls, Talara; (Jamaica) 1,960 gls, Belize; 1,500 gls, Cartagena; (Helga) 5,170 gls, Callao; 5,610 gls, Iquique; 5,930 gls, Tocopilla; 2,200 gls, Antofagasta; 8,195 gls, Valparaiso; 1,650 gls, Coquimbo; 4,400 gls, San Antonio; (Cristobal) 4,125 gls, Callao; 1,100 gls, Pisco; 1,155 gls, Panama; (City of Khios) 2,750 gls, Alexandria; 3,410 gls, Karachi; 35,310 gls, Bombay; 7,730 gls, Madras; 550 gls, Cocanada; 3,456 gls, Calcutta; (Westernland) 6,380 gls, Antwerp; 660 gls, Berne; 32,450 gls, Atutasan, Yokohama; 2,814 gls, Parnahyba, Rio de Janeiro; (Volendam) 3,575 gls, Rotterdam; 275 gls, Amsterdam; 5,720 gls, Musa, Tela; 1,050 gls, Snar, Martinique; 2,695 gls, Talamanca, Havana; 970 gls, Black Eagle, Rotterdam; 1,100 gls, Pocone, Santos; (Buenaventura) 990 gls, Peten; 1,650 gls, Amapala; (City of Evansville) 1,650 gls, Capetown; 800 gls, Port Elizabeth; 655 gls, East London; 9,450 gls, Durban; 55,290 gls, Lourenco Marques; 275 gls, Beira; 17,050 gls, Majunga; 1,650 gls, Buenos Aires; (Exmouth) 16,197 gls, Tunis; 300 gls, Salonica; 6,875 gls, Istanbul; 1,320 gls, Constanza; 13,750 gls, Mexico, Vera Cruz; (Samaria) 13,062 gls, Liverpool; 550 gls, Birkenhead; 15,895 gls, Britannic, Liverpool; 630 gls, Gerolstein, Rotterdam; (City of Dieppe) 101,200 gls, Melbourne; 1,100 gls, Brisbane; 1,985 gls, Adelaide; (Mormactide) 5,500 gls, Copenhagen; 2,520 gls, Prague; 7,170 gls, Stockholm; 1,375 gls, Helsingfors; 1,925 gls, Ingrid, Paramaribo; 5,995 gls, Agwidale, Tampico; (Blankaholm) 490 gls, Gothenburg; 275 gls, Norrkoping; (Scanmail) 2,730 gls, Gothenburg; 220 gls, Oslo; 165 gls, Copenhagen; 5,460 gls, Aarhus; 21,000 gls, Prague; 1,100 gls, Abo; (Laila) 4,290 gls, Buenaventura; 2,750 gls, Callao; 4,675 gls, Tocopilla; 6,380 gls, Coquimbo;

OIL, LUBRICATING (Continued):—
61,930 gls, Valparaiso; 18,250 gls, Talcahuano; (Scotia) 1,980 gls, Porto Alegre; 550 gls, Rio Grande; 18,250 gls, City of Oran, Hongkong; 4,675 gls, American Banker, London; (President Harding) 1,260 gls, Havre; 4,125 gls, Vienna; 4,200 gls, Hamburg; (Manhattan) 3,620 gls, Havre; 1,375 gls, Paris; (Tai Yin) 2,520 gls, Manila; 5,500 gls, Cebu; 2,380 gls, Edam, Rotterdam; (Pipestone County) 840 gls, St Nazaire; 10,920 gls, Bordeaux; 4,565 gls, Santa Elena, La Rosa; (Fernmoor) 9,894 gls, Lisbon; 750 gls, Piraeus; (West Humhaw) 1,320 gls, Dakar; 250 gls, Cotonou; 100 gls, Lagos; 275 gls, Sao Thome; 1,650 gls, Duala; 2,475 gls, Port Gentil; 650 gls, Point Noire; 1,650 gls, Boma; 10,450 gls, Matadi; (Karmt) 4,675 gls, Santos; 5,050 gls, Buenos Aires; 3,850 gls, Macharda, London
NEATSFOOT—9,456 lbs, Svaneholm, Stockholm
OLEO — 46,198 lbs, Black Hawk, Antwerp; 5,040 lbs, Transylvania, Glasgow; 74,887 lbs, Volendam, Rotterdam; 23,791 lbs, Scanmail, Copenhagen
SOYBEAN—31,730 lbs, Talamanca, Havana
TRANSFORMER — 2,970 gls, Agwidale, Tampico
WORMSEED — 268 lbs, Statendam, Rotterdam; 245 lbs, Samaria, Liverpool
PAINT—2,866 lbs, Svaneholm, Stockholm; 2,873 lbs, Black Hawk, Antwerp; (Veragua) 25,876 lbs, Cartagena; 5,846 lbs, Porto Colombia; 11,452 lbs, Platano, Buenaventura; 4,164 lbs, Antigua, Porto Barrios; (Western World) 28,616 lbs, Rio de Janeiro; 8,865 lbs, Buenos Aires; 2,071 lbs, American Banker, London; 9,110 lbs, Blankaholm, Malmo; 15,897 lbs, Scanmail, Stockholm
PREPARED—8,603 lbs, Musa, Porto Barrios
PALM KERNEL CAKE—226,240 lbs, Statendam, Rotterdam-Amsterdam
PARAFFIN—(Oslofjord) 45,128 lbs, Stavanger; 5,063 lbs, Oslo; (Svaneholm) 11,313 lbs, Norrkoping; 11,277 lbs, Helsingfors; (Rex) 11,122 lbs, Naples; 82,343 lbs, Genoa; 77,978 lbs, Black Hawk, Antwerp; 46,880 lbs, Exhibitor, Malta; (Birmania) 298,292 lbs, Genoa; 155,488 lbs, Leghorn; 44,739 lbs, Trieste; 33,866 lbs, Fiume; (Conte Savoia) 1,060 lbs, Naples; 12,456 lbs, Genoa; (Santa Inez) 77,856 lbs, Pimentel; 11,122 lbs, Pacasmayo; (Jamaica) 26,116 lbs, Kingston; 22,200 lbs, Cartagena; (Helga) 13,292 lbs, Paita; 11,235 lbs, Talcahuano; (City of Khios) 28,260 lbs, Rangoon; 15,640 lbs, Calcutta; 14,448 lbs, Westernland, Antwerp; 37,056 lbs, Parnahyba, Rio de Janeiro; 18,779 lbs, Antigua, Porto Barrios; 44,489 lbs, Chiriqui, Limon; 6,090 lbs, Snar, Port Spain; 12,874 lbs, 117,280 lbs, Mexico, Vera Cruz; 83,832 lbs, Samaria, Liverpool; 6,010 lbs, Scotia, Porto Alegre; 40,325 lbs, Fernmoor, Lisbon; 36,786 lbs, Karmt, Santos; (Blankaholm) 3,388 lbs, Gothenburg; 11,243 lbs, Malmo; 22,244 lbs, Norrkoping; 22,387 lbs, Stockholm; (Scanmail) 11,906 lbs, Gothenburg; 15,452 lbs, Copenhagen; 33,231 lbs, Laila, Paita
SCALE—36,542 lbs, Oslofjord, Oslo; 109,030 lbs, Black Hawk, Antwerp; (Black Eagle) 7,380 lbs, Rotterdam; 29,426 lbs, Amsterdam; 45,244 lbs, Gerolstein, Rotterdam; 33,369 lbs, Fernmoor, Lisbon; 72,842 lbs, Blankaholm, Helsingfors; (Scanmail) 60,917 lbs, Copenhagen; 55,808 lbs, Stockholm
PASTE—13,850 lbs, Edam, Amsterdam
PETROLATUM, MED—5,405 lbs, City of Evansville, Lourenco Marques; 8,440 lbs, City of Dieppe, Sydney
PETROLEUM, REFD—(San Jacinto) 20,000 gls, San Juan; 6,000 lbs, Mayaguez; (City of Evansville) 1,000 gls, Morondava; 32,000 gls, Majunga; 5,000 gls, Diego Suarez; (West Humhaw) 22,500 gls, Dakar; 10,000 gls, Conakry; 5,000 gls, Freetown; 1,000 gls, Marshall; 5,000 gls, Grand Lahou; 4,650 gls, Sao Thome; 12,500 gls, Libreville; 10,500 gls, Port Gentil
POTASH, CAUSTIC—12,880 lbs, City of Oran, Manila
CHLORATE—6,000 lbs, Veragua, Cartagena; 1,680 lbs, Jamaica, Porto Colombia
PROPYLENEGLYCOL—522 lbs, Oslofjord, Oslo
RESIN—9,917 lbs, American Banker, London
COALTAR—6,400 lbs, Black Eagle, Amsterdam; 6,350 lbs, Samaria, Liverpool; 2,666 lbs, American Banker, London
SYNTHETIC—5,404 lbs, Samaria, Liverpool; 4,787 lbs, Manhattan, Havre; 2,320 lbs, President Harding, Havre
ROSIN—1,595 lbs, Black Hawk, Amsterdam; 68,415 lbs, Birmania, Naples; 2,243 lbs, Mormactide, Gothenburg
SALT—18,300 lbs, Antigua, Santiago
SOAP—(San Jacinto) 5,950 lbs, San Juan; 16,950 lbs, Mayaguez; 5,300 lbs, Kahuku, Hilo; 900 lbs, Western World, Santos; 4,380 lbs, Ingrid, Demarara
FLAKE—11,250 lbs, Kahuku, Honolulu
LAUNDRY—5,750 lbs, Ingrid, Paramaribo
TOILET—34,000 lbs, Oslofjord, Oslo
SODA, ASH—1,223 lbs, Exhibitor, Piraeus; (City of Dieppe) 33,660 lbs, Brisbane; 5,175 lbs, Sydney; 16,550 lbs, Melbourne; 5,060 lbs, Adelaide Wharf; 79,060 lbs, Agwidale, Progresso; 16,250 lbs, Eva, Honolulu
BICARBONATE—45,210 lbs, Santa Paula, Cartagena; 20,200 lbs, Jamaica, Porto Colombia; 27,124 lbs, Agwidale, Tampico
CAUSTIC—(Veragua) 5,450 lbs, Porto Colombia; 28,728 lbs, La Libertad; 8,420 lbs, Platano, Buenaventura; 7,250 lbs, Pastores, Porto Barrios; 14,470 lbs, Helga, Buenaventura; 47,125 lbs, Cristobal, Mazatlan; 952,899 lbs, Pocone, Santos; 36,000 lbs, Buenaventura, Mazatlan; (Musa) 107,700 lbs, Guayaquil; 14,400 lbs, Buenaventura; 520 lbs, Porto Armuelles; 225,880 lbs, Mexico, Vera Cruz; (City of Dieppe) 17,680 lbs, Brisbane; 7,512 lbs, Sydney; 16,554 lbs, Melbourne; 7,488 lbs, Adelaide; (Agwidale) 210,530 lbs, Progresso; 110,188 lbs, Tampico; 4,989 lbs, Laila. Guayaquil; (Scotia) 27,550 lbs, Buenos Aires; 27,700 lbs, Rio Grande; 85,562 lbs, Tai Yin, Hongkong; 63,600 lbs, Eva, Honolulu
CYANIDE—74,144 lbs, Helga, Pisco
PHOSPHATE TRI — 2,230 lbs, Svaneholm, Gothenburg; 4,200 lbs, Talamanca, Havana
SILICATE—5,335 lbs, Samaria, Liverpool
SILICATE COMP — 18,650 lbs, Western World, Buenos Aires
SOYBEAN FLOUR—(Svaneholm) 3,175 lbs, Oslo; 3,175 lbs, Malmo
STARCH, CORN—1,410 lbs, Oslofjord, Stavanger; 28,200 lbs, Veragua, Colon; 4,440 lbs, Svaneholm, Gothenburg; 1,080 lbs, Jamaica, Kingston; 8,001 lbs, City of Khios, Colombo; 750 lbs, Antigua, Porto Barrios; 7,000 lbs, Chiriqui, Havana; 520 lbs, Musa, Porto Armuelles; 750 lbs, City of Evansville, Lourenco Marques; 6,063 lbs, Scotia, Buenos Aires; 4,504 lbs, City of Oran, Manila; (Tai Yin) 3,900 lbs, Manila; 302 lbs, Iloilo; 1,415 lbs, Ewa, Honolulu
LAUNDRY—810 lbs, Musa, Porto Armuelles
SUPERPHOSPHATE—237 tons, International, Chambly
TALC — 28,840 lbs, Transylvania, Glasgow; 10,100 lbs, Veragua, Colon; 22,400 lbs, Samaria, Liverpool
TANNING EXTRACT—1,910 lbs, Statendam, Rotterdam
LIQUID—37,185 lbs, Samaria, Liverpool
VARNISH—1,176 lbs, Jamaica, Porto Colombia; 2,577 lbs, Western World, Rio de Janeiro; 2,681 lbs, Laila
WITCH HAZEL EXTRACT—489 lbs, Jamaica, Kingston; 4,900 lbs, President Harding, Havre
ZINC, DUST—12,711 lbs, West Humhaw, Takoradi
OXIDE—6,726 lbs, Mexico, Vera Cruz; 1,232 lbs, Western World, Buenos Aires

Baltimore Exports
Clearance Dates

Bauta, July 25; Bilderdijk, July 23; Black Gull, July 25; Challenger, July 23; Cypria, July 23; Housatonic, July 23; Kunikawa, July 19; Korsholm, July 20; Lara, July 25; Liberty, July 20; Mormacsea, July 20; Paraguayo, July 25; Quaker City, July 22

ADHESIVE, ENVELOPE—4,000 lbs, Challenger, Durban
ASPHALT—26,820 lbs, Liberty, London; 13 tons, Quaker City, Manchester; 18 tons, Housatonic, Aruba
SOLID—11,188 lbs, Mormacsea, Gdynia; 127,945 lbs, Quaker City, Liverpool
CHALK, POWD—10,000 lbs, Black Gull, Antwerp
PRECIPITATED—40,000 lbs, Liberty, London
CHEMICAL COMP—444 lbs, Cypria, Casablanca
COPRA CAKE—150 tons, Liberty, Hamburg
GOLDEN SEAL ROOT—500 lbs, Liberty, London
GREASE, LUBRIC—(Kunikawa) 27,911 lbs, Yokohama; 48,620 lbs, Osaka; 2,000 lbs, Liberty, Helsingfors; 7,278 lbs, Paraguayo, Montevideo; 33,550 lbs, Lara, Valparaiso; 6,494 lbs, Black Gull, Antwerp
INSECTICIDE—1,620 lbs, Lara, Valparaiso
IRON SAND—55,000 lbs, Paraguayo, Buenos Aires
LEAD ARSENATE—36,000 lbs, Challenger, Capetown
LINSEED CAKE—190 tons, Black Gull, Rotterdam
MANDRAKE ROOT—11,200 lbs, Bilderdijk, Rotterdam
OIL, ENGINE, RED—535 bbls, Bilderdijk, Rotterdam
FLOTATION—20,000 lbs, Lara, San Antonio
LUBRICATING—6,976 gls, Liberty, Havre
MINERAL—5,400 gls, Quaker City, Manchester
PAINT—30 gls, Liberty, Cairo
PASSION FLOWER HERB—338 lbs, Liberty, Havre
PECTIN—1,000 lbs, Cypria, Marseille
PORCELAIN ENAMEL FRIT—1,100 lbs, Black Gull, Geneva
LIQUID—1,190 lbs, Korsholm, Oslo
POTASH BICHROMATE—8,064 lbs, Black Gull, Calcutta
RUTILE—6,720 lbs, Quaker City, Glasgow
SELENIUM, POWD—2,204 lbs, Liberty, Bombay
STARCH, CORN—142,750 lbs, Black Gull, Antwerp
SUPERPHOSPHATE—5,325,390 lbs, Bauta, Windsor, N S
VIBURNUM BARK—108 lbs, Liberty, Havre
WITCH HAZEL LEAVES—(Liberty) 7,334 lbs, Havre; 2,172 lbs, Dunkirk; 6,728 lbs, Cypria, Marseille

Boston Exports
Clearance Dates

Cameronia, July 28; Evangeline, July 22; Giulia, July 24; Nova Scotia, July 27; Saint John, July 23; Scythia, July 23; Tivives, July 22; Tunaholm, July 27; West Cusseta, July 23; Yarmouth, July 24

ACID, NITRIC—15 crbys, 2,100 lbs, Tivives, Havana
ALUMINA OXIDE—200 bgs, 9 kgs, 23,508 lbs, West Cusseta, La Courneuve
BRISTLES—2 cs, 1 ck, 677 lbs, Yarmouth, Saint John, N B
CEMENT, RUBBER—10 dms, 8 cs, 146 gls, Tivives, Havana
CHEMICALS—(West Cusseta) 3 bxs, 126 lbs, Seine; 2 dms, 200 lbs, Havre
SPECIALTY—1 dm, 10 gls, Nova Scotia, St Johns, N F
CLAY—34 bbls, 8,018 lbs, West Cusseta, La Courneuve
CLEANER—24 ctns, 456 lbs, Nova Scotia, St John's, N F
DEXTRIN—10 bgs, 1,000 lbs, Tivives, Havana
DISINFECTANT — 3 dms, 165 gls, Tivives, Panama; 1 bbl, 2 cs, 446 lbs, Nova Scotia, St John's, N F
COALTAR—15 bbls, 750 gls, Tivives, Havana
DRESSING, LEATHER—2 cs, 170 lbs, Tivives, Havana
SHOE—10 bbls, 1 dm, 1 cs, and 5 crtns, 5,342 lbs, Tivives, Havana
FERTILIZER, LEATHER SCRAP — 528 bls, 339,214 lbs, West Cusseta, Havre
FILLER, SHOE BOTTOM—25 pls, 575 lbs, Tivives, Havana
FLUX—1 dm, 1 bx, 143 lbs, Tivives, Havana
GLASS, PLATE—1 cs, 80 lbs, Nova Scotia, Cornerbrook, N F
INK, MARKING—1 cs, 1 lb, Tivives, Havana
STENCIL—1 bx, 17 lbs, West Cusseta, Roubaix
WRITING—11 cs, 3 crtns, 291 lbs, Tivives, Havana
INVALID'S FOOD—4 cs, 48 lbs, Tivives, Havana
KEROSENE—50 bbls, 2,750 gls, Nova Scotia, St John's, N F
LARD—350 bxs, 9,800 lbs, Scythia, Liverpool; 350 bxs, 9,800 lbs, Nova Scotia, Liverpool; 200 bxs, 5,600 lbs, Cameronia, Glasgow
LINING COMP—20 dms, 9,413 lbs, West Cusseta, Havre; 25 dms, 150 lbs, Tunaholm, Goteborg
SOLUTION, SHOE—4 cns, 20 gls, Scythia, Leicester
MEDICINAL PREPS—2 cs, 70 lbs, Nova Scotia, St John's, N F
MILK, POWD—1 bx, 10 lbs, West Cusseta, Marco en Baroeul
MUCILAGE—11 crtns, 118 lbs, Tivives, Havana
OIL, CASTOR, SULPHONATED — 24 bbls, 11,329 lbs, Scythia, Liverpool
CYLINDER—1 cs, 6 gls, Nova Scotia, St John's, N F
RAYON—55 dms, 22,041 lbs, Giulia, Genoa
PAINT—4 bxs, 2 pls, 30 gls, Yarmouth, Summerside, P E I; 3 cs, 15 gls, Nova Scotia, St John's, N F
ASPHALT—10 pls and 2 bxs, 570 lbs, Tivives, Central Hershey
PASTE, LIBRARY—3 crtns, 81 lbs, Tivives, Havana
PEANUTS—4 bgs, 364 lbs, Evangeline, Lunenburg, N S
POLISH, FLOOR—3 cs, 110 lbs, Tunaholm, Gothenburg
SHOE—1 cs, 66 lbs, Tivives, Panama
STOVE—60 cs, 2,153 lbs, Yarmouth, St John, N B
SOAP, FLAKE—50 crtns, 1,672 lbs, Tivives, Havana
SHAVING—1 pkg, 24 lbs, Tivives, Fort Sherman, Canal Zone
TAR—8 cs, 200 lbs, Tivives, France Field, Canal Zone
TOILET—10 cs, 238 lbs, Tivives, France Field, Canal Zone
SODA, BISULPHITE—15 dms, 6,450 lbs, Tivives, Havana
TALC—1 cs, 36 lbs, Nova Scotia, St John's, N F
TANNING EXTRACT—10 bgs, 1,000 lbs, Nova Scotia, St John's, N F
WAX—1 crtn, 27 lbs, West Cusseta, Havre

Corpus Christi Exports
Clearance Dates

Alexandra Hoegh, July 16; Harold Brovig, July 20; R P Smith, July 19; Teddy, July 23

OIL, GAS—75,136 bbls, R P Smith, Foreign
PETROLEUM, CRUDE—95,507 bbls, Alexandra Hoegh, Foreign; 112,330 bbls, Harold Brovig, Foreign; 24,305 bbls, Teddy, Foreign

Galveston Exports
Clearance Dates

Atutusan Maru, July 20; Boschdijk, July 25; Elisha Walker, July 24; Gypsum Prince, July 21; Scottish Musician, July 25; Vermont, July 25

BLACK, CARBON—(Atutusan) 270 bgs, Yokohama; 150 bgs, Osaka; (Boschdijk) 54 tons, London; 12 tons, Rotterdam
GASOLINE—65,800 bbls, Scottish Musician, Hamburg
MOLYBDENUM, CONC—(Boschdijk) 33 tons, Antwerp; 220 tons, Rotterdam; 242 tons, Vermont, Antwerp
PETROLEUM, CRUDE—81,000 bbls, Elisha Walker, Havana
SULPHUR—(Gypsum Prince) 500 tons, Quebec; 750 tons, Three Rivers; 960 tons, Sorel; 1,700 tons, Campbellton; (Boschdijk) 125 tons, London; 20 tons, Antwerp; 280 tons, Amsterdam

Houston Exports
Clearance Dates

Bianca, July 21; Boschdijk, July 20; Cardita, July 25; Clare Hugo Stinnes, July 22; Eleonora Maersk, July 20; Ethan Allen, July 20; Henry Desprez, July 21; Kentucky, July 21; Luebeck, July 20; Stella Lykes, July 21; Stureholm, July 22; Vendemiare, July 25; Vermont, July 23

BLACK CARBON—(Boschdijk) 60 tons, London; 35 tons, Antwerp; 60 tons, Rotterdam; (Luebeck) 10 tons, Bremen; 15 tons, Hamburg; 50 tons, Kentucky, Copenhagen; (Clare Hugo Stinnes) 500 cs, 1,500 bgs, Manchester; 150 cs, 1,000 bgs, Liverpool; 200 cs, 1,500 bgs, London; (Stureholm) 1 cs, Oslo; 246 cs, 1,195 bgs, Gdynia; (Vermont) 100 tons, Havre; 5 tons, Dunkirk; (Ethan Allen) 260 cs, 12,700 bgs, Havre; 3,100 bgs, 100 cs, Antwerp
COTTONSEED MEAL—100 tons, Ethan Allen, Antwerp
GASOLINE, STABILIZER—550 tons, Vendemiare, Havre
MILK, SKIMMED POWDER—25 tons, Boschdijk, London
OIL, GAS—8,000 tons, Bianca, Oslo
LUBRICATING—24 dms, Vermont, Dunkirk
PETROLEUM, CRUDE—15,100 tons, Eleonora Maersk, Havre; 14,600 tons, Henry Desprez, Havre; 11,800 tons, Cardita, Montreal; 12,500 tons, Vendemiare, Havre

Lake Charles Exports
Clearance Dates

Mamura, July 21

PETROLEUM, CRUDE—91,545 bbls, Mamura, Montreal

Los Angeles Exports
Clearance Dates

Clytoneus, July 16; Damsterdyk, July 15; Evanger, July 16; Ferncastle, July 21; Havkong, July 19; Kingsley, July 20; Lebec, July 20; Neches, July 15; President Adams, July 14; Silverbeech, July 18; Tai Yin, July 17; Vivi, July 14; W S Miller, July 24; Wyoming, July 14; Yamuara, July 19

ACID, BORIC—10 cks, 2,240 lbs, Hauraki; Wellington; (Damsterdyk) 1,000 bgs, 112,000 lbs, Liverpool; 400 bgs, 44,800 lbs, Glasgow; 30 cks, 6,720 lbs, Wyoming, Antwerp; 20 bgs, 2,210 lbs, Toi Yin, Manila; 100 kgs, 11,200 lbs, Clytoneus, Hongkong
ALCOHOL, BUTYL—30 dms, 11,070 lbs, Damsterdyk, Amsterdam
BORATE—3,934 bgs, 663,490 lbs, Wyoming, Rotterdam
BORAX—60 bgs, 6,720 lbs, Hauraki; Wellington; Silverbeech) 320 bgs, 35,840 lbs, Bombay; 20 kgs, 2,240 lbs, Navlakhi; 150 kgs, 16,800 lbs, Karachi; 70 bgs, 7,840 lbs, Hauraki, Auckland; 99 bgs, 11,020 lbs, President Adams, Alexandria; (Damsterdyk) 800 bgs, 89,600 lbs, Glasgow; 493 bgs, 55,140 lbs, Rotterdam; (Wyoming) 2,440 bgs, 291,200 lbs, Havre; 1,293 bgs, 144,020 lbs, Antwerp; 1,500 bgs, 169,500 lbs, Yamaura, Osaka; 300 bgs, 33,600 lbs, Clytoneus, Hongkong
BUTANE—11 cyls, 1,090 lbs, Damsterdyk, Amsterdam
CLAY—4,400 sks, 220,000 lbs, Evanger, Buenos Aires
GROUND—331 bgs, 33,100 lbs, Silverbeech, Surabaya
WHITE—100 bgs, 10,000 lbs, Wyoming, Barranquilla
CORN SUGAR—120 bbls, 88,120 lbs, Clytoneus, Manila
COTTONSEED—13,451 lbs, 1,318,100 lbs, Evanger, Buenos Aires
DIACETONE—16 dms, 6,830 lbs, Damsterdyk, Amsterdam; 10 dms, 4,240 lbs, Wyoming, Antwerp
ETHYL KETONE—65 dms, 22,610 lbs, Damsterdijk, London; 60 dms, 21,900 lbs, Wyoming, Havre
GAS, PETROLEUM, LIQ—139 cyls, 4,820 lbs, Kingsley, Vancouver; 11 cyls, 2,310 lbs, Hauraki, Auckland
GASOLINE—74,485 bbls, 19,440,590 lbs, W S Miller, Nagaeoo; 78,146 bbls, 20,396,110 lbs, Vivi, Vladivostok; 4,000 bbls, 1,044,000 lbs, Neches, Coco Solo; 74,485 bbls, 19,440,590 lbs, W S Miller, Nagaevoo
GYPSUM—224 sks, 22,400 lbs, Clytoneus, Shanghai
INFUSORIAL EARTH—55 bgs, 5,500 lbs, Evanger, Buenos Aires; (Damsterdijk) 336 bgs, 33,600 lbs, Felstead; 356 bgs, 33,000 lbs, Ipswich; 198 bgs, 20,060 lbs, London; 493 bgs, 50,040 lbs, Glasgow; (Wyoming) 856 bgs, 86,290 lbs, Havre; 56 bgs, 4,560 lbs, Epinay; 652 bgs, 66,180 lbs, Bordeaux
KEROSENE—(Houraki) 150 cs, 50 dms, 27,000 lbs, Auckland; 20 dms, 5,700 lbs, Wellington
KEROSENE DISTILLATE—3,590 bbls, 1,052,800 lbs, Clytoneus, Hongkong
LACQUER—1,180 lbs, Silverbeech, Bombay; 3,200 lbs, Evanger, Buenos Aires
METHYL CHLORIDE—3 cyls, 210 lbs, Kingsley, Vancouver
METHYLETHYL KETONE—30 dms, 10,980 lbs, Damsterdyk, Amsterdam
MINERAL SPTS—50 cs, 4,250 lbs, Hauraki, Auckland
OIL, COTTONSEED—(President Adams) 10 dms, 4,150 lbs, Manila; 50 dms, 20,958 lbs, Zamboanga
DIESEL—60,387 bbls, 18,840,740 lbs, Ferncastle, Tsurumi/Nagoya; 9,685 bbls, 3,021,720 lbs, Yamaura, Osaka; 88,952 bbls, 27,753,020 lbs, Havkong, Osaka/Nagasaki; 61,310 bbls, 19,128,720 lbs, Lebec, Shanghai
FUEL—7,923 bbls, 2,638,360 lbs, Kingsley, Vancouver; 35,538 bbls, 11,834,150 lbs, Neches, Coco Solo; 35,346 bbls, 11,770,220 lbs, Ferncastle, Tsurumi/Nagoya; 9,831 bbls, Havkong, Osaka/Nagasaki
GRAPEFRUIT—120 lbs, Damsterdyk, London
LINSEED—1,600 lbs, Silverbeech, Tandjong, Oeban
LUBRICATING—50 cs, 5,000 lbs, Hauraki, Wellington; 765 dms, 296,820 lbs, President Adams, Hongkong
PAINT—4,500 lbs, Tai Yin, Manila
THINNER—900 lbs, Tai Yin, Manila
PECTIN, CITROUS—(Damsterdyk)—2,000 lbs, London; 26 pkgs, 4,200 lbs, Liverpool
ROSIN, GUM—(Hauraki) 10 bbls, 4,840 lbs, Wellington; 5 bbls, 2,500 lbs, Auckland
WOOD—55 dms, 30,900 lbs, Hauraki, Wellington
SHELLAC—800 lbs, Silverbeech, Tandjong, Oeban
SODA ALGINATE—600 lbs, Kingsley, Vancouver
ASH—600 bgs, 67,200 lbs, Silverbeech, Bombay
CAUSTIC—5,400 lbs, President Adams, Manila
SOLVENTS—1 dm, 330 lbs, Damsterdyk, Amsterdam
SULPHUR DIOXIDE—9 cyls, 1,350 lbs, Kingsley, Vancouver
TOILET PREPS—930 lbs, Silverbeech, Singapore; 490 lbs, Wyoming, Guatemala City
TURPENTINE—(Hauraki) 35 pkgs, 95 cs, 10,570 lbs, Wellington; 93 pkgs, 6,170 lbs, Auckland

Mobile Exports
Clearance Dates

Nordvangen, July 21; Vestvangen, July 25

CLEANER—(Vestvangen) 33 cs, Georgetown; 130 bbls, Port of Spain
LARD—250 tins, Nordvangen, La Guaira
OIL, PINE—6 dms, Vestvangen, Georgetown
ROSIN—(Nordvangen) 15 dms, Puerto Cabello; 135 dms, La Guaira
TURPENTINE—10 dms, Nordvangen, La Guaira; (Vestvangen) 5 dms, Kingston; 13 dms, St Georges

New Orleans Exports
Clearance Dates

Aachen, July 15; Askeladden, July 9; Baja California, July 1; Clea, July 15; Dalvangen, July 5; Essex Druid, July 9; Gansfjord, July 2; Janna, July 9; Koenigsberg, July 1; Monbaldo, July 5; Port Antonio, July 6; Santa Marta, July 6; Sixaola, July 2

ANIMAL DIP—8 dms, Sixaola, Puerto Limon
ASPHALT—100 dms, Dalvangen, Puerto Cabello; (Koenigsberg) 68 tons, Hamburg 1 ton, Bremen-Hamburg
GILSONITE—25 tons, Aachen, Hamburg
BAKING POWDER—1 ton, Port Antonio Belize
BLACK, CARBON—50 cs, Monbaldo, Genoa (Koenigsberg) 68 tons, Hamburg; 10 tons Bremen-Hamburg; (Aachen) 73 tons, Hamburg; 2 tons, Bremen-Hamburg
BLUE, VITRIOL—10,000 sx, Baja California Puerto Cortez
CHEMICAL COMP—20 cs, Dalvangen, La Guaira
CLAY—40 tons, Koenigsberg, Hamburg
GROUND—9 tons, Aachen, Hamburg
FERRO PHOSPHORUS—(Koenigsberg) 27 tons Bremen-Hamburg; 11 tons, Bremen-Hamburg trans
FIRECLAY—(Sixaola) 200 sx, Cristobal; 4 dms, Valparaiso; 5 sx, Vestvangen, Kingston
GASOLINE—300 dms, 635 cs, Port Antonio Belize; (Baja California) 300 bbls, Puerto Cortez; 170 dms, 50 cs, Bluefields; 23,388 dms, Essex Druid, Gibraltar; 19 tons Koenigsberg, Hamburg
GLUCOSE—15 bbls, Sixaola, Panama City
GREASE, LUBRICATING—4 dms, Sixaola Arica
INSECTICIDE—12 dms, Koenigsberg, Bremen Hamburg
KEROSENE—150 dms, 220 cs, Port Antonio Belize; 185 cs, 13 dms, Baja California Bluefields; 75 cs, Dalvangen, Moengo
LARD—(Port Antonio) 309 dms, Santiago; 1 crts, Belize; 20 tins, 5 crts, Gansfjord, Santiago; (Dalvangen) 250 tins, Port au Prince; 350 tins, La Guaira; (Sixaola) 150 tins, 225 dms, Havana; 600 tins Panama; 100 tins, Janna, Maracaibo
LIME—2,400 sx, Port Antonio, Santiago
MALTOSE—1 ton, Sixaola, Havana
OIL FUEL—150 dms, Port Antonio, Belize; 3 dms, Baja California, Bluefields; 1,55 bbls, Dalvangen, Moengo; 1,000 bbls Vestvangen, Moengo
GAS—25 dms, Port Antonio, Belize; (Clea, 1,224,405 gls, Rio de Janeiro; 1,486,21 gls, Santos; 847,965 gls, Pernambuco
LUBRICATING—15 dms, Baja California Bluefields; (Dalvangen) 60 dms, 25 crts Puerto Cabello; 40 dms, 25 crts, 100 ctns La Guaira; 20 dms, Paramaribo; (Sixaola 10 dms, Corinto; 4 dms, Arica; 5,255 tons Monbaldo, Genoa; 400 dms, 325 crts, 50 ctns, Janna, Maracaibo; 689 tons, Koenigsberg, Hamburg; 13 tons, Aachen Hamburg; 155 dms, 69 bbls, Vestvangen Kingston
OLIVE—565 cs, Gansfjord, Santiago
ORE—500 sx, Vestvangen, Port of Spain
PAINT—2 tons, Santa Marta, Puerto Barrios; 20 cs, Vestvangen, Fort de France
PETROLATUM—74 tons, Koenigsberg, Hamburg; 58 tons, Aachen, Hamburg
PINETAR—30 dms, Vestvangen, Georgetown
ROOFING COMP—7 dms, Askeladden, Caripi
ROSIN—3 bbls, Port Antonio, Belize; (Gansfjord) 400 sx, Puerto Colombia; 200 s Cartagena; 5 dms, Sixaola, Panama; bbls, Monbaldo, Genoa; 68 tons, Koenigberg, Hamburg; 6 tons, Aachen, Hamburg; 6 dms, Vestvangen, Georgetown
GUM—80 dms, Gansfjord, Cartagena; (Sixola) 20 dms, Panama; 30 dms, Buenventura
WOOD—(Sixaola) 100 dms, Havana; 15 dm Puerto Limon; 10 dms, Puntarenas; tons, Koenigsberg, Bremen-Bremerhave 15 bbls, Vestvangen, Port of Spain
SALT—25 tons, Port Antonio, Belize; 32 Dalvangen, Port au Prince; (Sixaola) tons, Havana; 40 tons, Cristobal; 1 t Puerto Limon
TABLE—55 sx, Dalvangen, Ciudad Trujill

SOAP—100 ctns, Baja California, Bluefields; 12 dms, Sixaola, Havana
SOYBEAN MEAL—350 sx, Askeladden, Bridgetown
TAR—60 kits, Janna, Maracaibo
TRIPOLI—5 tons, Koenigsberg, Hamburg
TURPENTINE—5 dms, Sixaola, Callao
WAX—150 sx, Sixaola, Havana; 170 sx, Monbaldo, Genoa

Philadelphia Exports

Clearance Dates

Balzac, July 22; Barbarigo, July 22; Bilderdijk, July 27; City of Winchester, July 23; Cypria, July 25; Helen Whittier, July 23; Korsholm, July 25; Lara, July 27; Macharda, July 22; Maine, July 27; Scanpenn, July 22; Thule, July 27; Tweedbank, July 27; Unicol, July 27; Voco, July 25; Waukegan, July 25; West Kebar; July 27; Winkler, July 25

ACID, HYDROFLUORIC—1 bx, City of Winchester, Sydney
ALUMINA SULPHATE—220 bgs, Helen Whittier, Buenaventura
ANTI-FREEZE COMP — 2 ctns, Korsholm, Stockholm
KNOCK COMP—(Macharda) 32 dms, Letchworth; 129 dms, 6 bxs, London; 132 dms, Basrah; 180 bbls, Cypria, Marseilles
BENZOL — (Winkler) 102,804 gls, Antwerp; 243,905 gls, Thameshaven
BLUE, MECHANIC'S—1 ctn, Helen Whittier, Panama City; 2 ctns, Korsholm, Helsinki
BERYLLIUM ORE—404 bgs, Barbarigo, Genoa
BRISTLES—8 cs, Waukegan, London
CELLULOSE ACETATE—1 pkg, Bilderdijk, Rotterdam
CEMENT, FIBER—2 dms, Scanpenn, Copenhagen
GASKET—1 ctb, Helen Whittier, Panama City; 7 ctns, City of Winchester, Wellington; 1 cs, 5 ctns, Korsholm, Helsinki
HYDRAULIC—600 bbls, Lara, San Antonio
RUBBER—5 bxs, 14 pls, Scanpenn, Copenhagen
CHLORINE—6 cyls, Helen Whittier, Panama City
CLAY, TILE—500 crts, Unicol, Madras
CLEANER—1 cs, Helen Whittier, Panama City
COALTAR PROD—6 dms, Balzac, Rio de Janeiro
INTERMEDIATES—52 dms, 1 bx, Balzac, Rio de Janeiro
COCOA CAKE—2,240 bgs, Bilderdijk, Amsterdam
COLLODION COTTON—129 pkgs, Bilderdijk, Rotterdam
ENAMEL—2 ctns, Korsholm, Stockholm
FERROMANGANESE—2 pkgs, Bilderdijk, Nijmegen
FIRECLAY—18 bgs, Lara, Panama; 8 bgs, Unicol, Madras
GASOLINE—25,172 bbls, Winkler, Antwerp; 1 cs, Cypria, Casablanca; (West Kebar) 3,300 cs, Dakar; 1,000 cs, 200 dms, Bissao; 1,500 cs, Comarky; 600 cs, 30 dms, Freetown; 5,000 cs, Port Bouet; 6,310 cs, 50 dms, Takoradi; 3,040 cs, Winnebah; 5,180 cs, 25 dms, Accra; 4,000 cs, Lagos; 2,000 cs, 25 dms, Duala; 50 dms, Libreville; 750 cs, Port Gentil
GLASS, WINDOW — 8 bxs, Helen Whittier, Cristobal
GRAPHITE—7 bbls, Unicol, Calcutta
GREASE, LUBRICATING—10 cs, Balzac, Santos; 11 cs, 1 dm, Helen Whittier, Panama City; (City of Winchester) 4 dms, Wellington; 1 dm, Auckland; 2 cs, Blenheim; 3 dms, Lyttleton; 19 dms, Waukegan, London; (Maine) 9 dms, (Guayaquil; 5 dms, Pereira; (West Kebar) 10 dms, 16 cs, Accra; 15 cs, Lome; 40 cs, Cotonou; 5 cs, Port Gentil; 4 dms, Scanpenn, Copenhagen
INSECTICIDE—(Helen Whittier) 13 ctns, Panama City; 24 pkgs, Punta Arenas; 40 cs, West Kebar, Cotonou
LEAD, TETRA ETHYL—(City of Winchester) 3 dms, Dunedin; 6 dms, Wellington; 5 dms, Auckland
LICORICE MASS—80 cs, Machrada, London; 225 cs, Waukegan, Hull; 40 cs, Thule, Buenos Aires
LINSEED CAKE—631 bgs, Macharda, London
MANGANESE—1 dm, Macharda, London
MEDICINAL PREPS—5 bxs, Maine, Callao; (Unicol) 1 cs, Karachi; 12 cs, Calcutta
NITROCELLULOSE—225 bbls, Macharda, London
OIL, COALTAR—7 dms, City of Winchester, Wellington
GAS—20 dms, West Kebar, Bissao
FUEL—(West Kebar) 25 dms, Conakry; 25 dms, Port Bouet; 50 dms, Duala; 50 dms, Libreville; 100 dms, Port Gentil
ILLUMINATING—(West Kebar) 250 cs, Dakar; 500 cs, 20 dms, Bissao; 500 cs, Conakry; 600 cs, Freetown; 975 cs, Port Bouet; 400 cs, Takoradi; 260 cs, Winnebah; 80 cs, Accra; 500 cs, Lagos; 750 cs, Duala; 250 cs, Libreville; 250 cs, Port Gentil
LUBRICATING—230 bbls, 214 pkgs, 70 dms, Macharda, London; (Barbarigo) 325 dms, Genoa; 188 dms, Susak; (Balzac) 6 dms, Buenos Aires; 30 dms, 305 cs, 45 porpails, Santos; (Scanpenn) 210 ctns, 24 dms, Gothenburg; 78 pkgs, Gdynia; 110 dms, Stockholm; 32 dms, 215 bbls, Copenhagen; (Helen Whittier) 9 ctns, Panama City; 57 dms, 40 cs, Valparaiso; 6 dms, Turpaco; 3 cs, 37 dms, Callao; (City of Winchester) 300 pkgs, Dunedin; 12 ctns, 216 dms, 10 bxs, 75 pls, 421 pkgs, Wellington; 406 dms, 102 pls, 4 one qtr dms, 31 bxs, 522 pkgs, Auckland; 10 dms, Palmerston North; 5 dms, Blenheim; 35 dms, Christchurch; 155 pls, 10 dms, 5 one qtr dms, 250 pkgs, Lyttleton; 18 dms, 24 one qtr dms, Timaru; 70 pls, Gore; 2,501 pkgs, 1 cs, Sydney; (Winkler) 260,857 bbls, Antwerp; 21,475 bbls, Hamburg; 9,645 bbls, London; 9,436 bbls, Barton; 28,269 bbls, Voco, Liverpool and or London; 300 dms, Waukegan, London; (Korsholm) 414 pkgs, Viipuri; 257 pkgs, Turku; 1,059 pkgs, Helsinki; 2 ctns, 195 dms, Stockholm; 169 pkgs, Noorkoeping; 113 pkgs, Helsingborg; 936 pkgs, Gothenburg; 403 pkgs, Malmo; 140 pkgs, Sundsvall; (Cypria) 58 bbls, 10 dms, 280 cs, Lelxoes; 408 bls, 26 dms, 948 cs, Lisbon; 405 pkgs, Buenguela; 2,097 pkgs, Casablanca; 51 pkgs, Tangier; 87 pkgs, Ouidja; 22 dms, 67 cs, Gibraltar; 429 bbls, 5 dms, Marseilles; 155 pkgs, Haiphong; 5 cs, Tunis; (Tweedbank) 684 dms, Manila; 479 dms, 860 cs, 5 pkgs, Cebu; 140 dms, 205 cs, Iloilo; 325 dms, Shanghai; 139 dms, Hongkong; (Maine) 56 dms, 1 bx, Guayaquil; 21 dms, Pereira; (Lara) 212 dms, Valparaiso; 30 dms, Iquique; 70 dms, Talcahuano; 115 dms, Antofagasta; 30 dms, Callao; (Unicol) 10 dms, Jeddah; 10 dms, Aden; 2 dms, Bombay; 100 dms, Madras; (West Kebar) 80 cs, 10 dms, Dakar; 467 pkgs, Payes; 20 pkgs, Bomaco; 10 cs, 5 dms, 60 pkgs, Conakry; 10 pkgs, Monrovia; 50 cs, 35 dms, 430 pkgs, Port Bouet; 25 pkgs, Assinie; 3 dms, Takoradi; 65 pkgs, 50 dms, 11 cs, Accra; 50 cs, 20 dms, Lome; 50 dms, 40 pkgs, Cotonou; 105 pkgs, 5 cs, Lagos; 90 pkgs, Libreville; 235 cs, 75 dms, Port Gentil; 15 pkgs, Nizi; 3 pkgs, Uvira;
OIL, LUBRICATING (Continued):—
200 pkgs, Leopoldsville; 115 pkgs, Jadotsville; 19 pkgs, Usumbra; 53 pkgs, Boma; 26 pkgs, Oostermansville; 85 pkgs, Brazzaville; 208 pkgs, Elizabethsville; 39 pkgs, Matadi; 1,065 bbls, 18 dms, Bilderdijk, Rotterdam
NEATSFOOT—10 bbls, Cypria, Marseilles
PAINT—(Helen Whittier) 6 cs, Cristobal; 6 ctns, Panama City; 5 ctns, Korsholm, Stockholm; (Cypria) 19 ctns, 87 kits, Oporto; 26 ctns, 54 kits, Lisbon; 16 dms, 120 pls, Scanpenn, Copenhagen
THINNER—30 kits, Cypria, Lisbon
PARAFFIN—6 dms, Macharda, London; 386 bgs, Barbarigo, Genoa; 84 bbls, Winkler, Antwerp; 200 bgs, Cypria, Leixoes
REFINED—(Helen Whittier) 181 bgs, Pimentel; 50 bgs, Mollendo; 250 bgs, Guayaquil; 200 bgs, La Plaz; 100 bgs, Winkler, Antwerp; 100 bgs, West Kebar, Dakar; (Scanpenn) 20 bgs, Copenhagen; 50 bgs, Helsingfors
SEMI-REFINED—32 pkgs, Helen Whittier, Cartagena; 102 bgs, Maine, Guayaquil
PARA-AMYLPHENOL, TERT—3 dms, Scanpenn, Gdynia
PETROLATUM—70 bbls, Barbarigo, Susak; 2 cs, Waukegan, London
POLISH, AUTO—(Helen Whittier) 4 ctns, Panama City; 1 ctn, Callao; 83 ctns, City of Winchester, Lyttleton; (Korsholm) 12 ctns, Helsinki; 33 ctns, Stockholm
FURNITURE—(Helen Whittier) 11 dms, 2 cs, Panama City; 2 cs, Callao
METAL—7 ctns, Helen Whittier, Panama City
PUTTY—29 bgs, 4 ctns, Unicol, Madras
AUTO-TOP—1 ctn, Helen Whittier, Panama City; 2 ctns, Korsholm, Stockholm
RADIATOR SOLDER—6 ctns, City of Winchester, Wellington
RAPESEED—50 pkgs, Bilderdijk, Rotterdam
RESIN, COALTAR—11 dms, 7 cans, Macharda, London; 1 pkg. Bilderdijk, Rotterdam
SYNTHETIC BASE—1 pkg, Bilderdijk, The Hague
RESURFACER—1 dm, City of Winchester, Wellington
RUBBER COMPOUNDING AGENTS—1 dm, Balzac, Rio de Janeiro
RUBBING COMP—8 ctns, Korsholm, Stockholm
SILICA—200 bgs, Macharda, London
SOAP—5 pkgs, Helen Whittier, Panama City; 300 bgs, Waukegan, Hull; 6 ctns, Korsholm, Helsinki
SODA, ASH—(City of Winchester) 3 dms, Wellington; 1 dm, Dunedin
LIME—1 bx, City of Winchester, Sydney
SOLDER DROSS—40 dms, Waukegan, Hull
SURFACER, LIQUID—1 ctn, Cypria, Oporto
TIRE COATING, WHITE—5 ctns, Helen Whittier, Panama City; (Korsholm) 2 ctns, Helsinki; 5 ctns, Stockholm
VALVE GRINDING COMP—3 ctns, Helen Whittier, Panama City; 1 ctn, Korsholm, Helsinki
VARNISH—20 kits, Cypria, Oporto
WAX, AUTO—5 ctns, Korsholm, Stockholm
FLOOR—1 cs, Helen Whittier, Callao
WOOD FILLER, PASTE—4 kits, Cypria, Lisbon

Port Arthur Exports

Clearance Dates

Carlo Arrivabene, July 23; Cleopatra, July 20; Edward L Doheny, July 16; Esso Bayonne, July 18; Europe, July 21; Good Gulf, July 20; Gulfbelle, July 24; Jotunfjell, July 29; Langanger, July 19; Meanticut, July 19; Neptuno, July 18; Poseidone, July 14; Ranja, July 19; Smaland, July 21; Sommerstad, July 19; Strinda, July 20; Teddy, July 25; Washington, July 20

ASPHALT—15 dms, 43 cs, Neptuno, Havana
LIQUID—1 bx, Smaland, Kingston
PETROLEUM—(Meanticut) 191 slk bbls, 473 dms, Avonmouth; 64 slk bbls, Dublin; 2,035 slk bbls, 253 dms, Glasgow
BENZOL—5,580 tons, Esso Bayonne, Lands End
BLENDING FLUID—19 bbls, Ranja, Bilbao
GASOLINE—70,639 bbls, Edward L Doheny, Aruba; (Neptuno) 300 bbls, 300 dms, 200 cs, Belize; 625 bbls, 1,300 cs, Puerto Cortez; 76,759 bbls, Ranja, Bilbao; (Europe) 38,904 bbls, Thameshaven; 48,251 bbls, Liverpool; (Smaland) 100 bbls, 5 cs, Kingston; 700 bbls, Guanta; 800 bbls, Maricaibo; (Jotunfjell) 22,857 bbls, Capetown; 16,666 bbls, East London; 63,405 bbls, Durban; (Gulfbelle) 83,441 bbls, Montreal; 800 bbls, Cienfuegos
GREASE, LUBRICATING—(Neptuno) 103 dms, 235 cs, Havana; 40 dms, 10 cs, Belize; 75 dms, 251 cs, Smaland, Kingston; 1 dm, Washington, Cristobal
KEROSENE—2,000 cs, Washington, Cristobal; (Neptuno) 100 bbls, 100 dms, 25 cs, Belize; 2,000 cs, Puerto Cortez; 7,789 bbls, Europe, Thameshaven; 3,250 cs, 50 bbls, Smaland, Kingston
OIL BUNKER—45,937 bbls, Teddy, Flushing
FUEL—63,374 bbls, Washington, Cristobal
BUNKER—45,937 bbls, Teddy, Flushing
DIESEL—238 bbls, Neptuno, Puerto Cortez; 68,217 bbls, Cleopatra, River Medway; 7,535 bbls, Europe, Liverpool
GAS—60,115 bbls, Sommerstad, Ertvelde; 50,-632 bbls, Good Gulf, Antwerp
LUBRICATING—24 cs, Washington, Cristobal; (Neptuno) 353 dms, 435 cs, Havana; 33 cs, Belize; 18 dms, 20 cs, Puerto Cortez; 50 dms, Meanticut, Glasgow; 27,850 bbls, 130 wd bbls, 280 dms, Good Gulf, Antwerp; 170 dms, 378 cs, Smaland, Kingston
PAIN, PREPARED—3 dms, Smaland, Kingston
THINNER—5 bbls, 20 cs, Smaland, Kingston
PARAFFIN—10 cs, Smaland, Kingston
PETROLEUM, CRUDE—73,030 bbls, Poseidone, Fiume; 106,044 bbls, Langanger, Venice; 116,309 bbls, Strinda, Montreal; 53,801 bbls, Carlo Arrivabene, Venice
SOLVENT, CLEANING—25 bbls, Washington, Cristobal

Savannah Exports

Clearance Dates

City of Oran, July 25; Silverwalnut, July 27

GLUCOSE—(Silverwalnut) 135 bbls, Manila; 30 bbls, Iloilo
ROSIN, GUM—(City of Oran) 500 bbls, Shanghai; 30 bbls, Dairen; (Silverwalnut) 50 dms, 80 bbls, Manila; 100 bbls, Tientsin
TURPENTINE, GUM—50 cs, City of Oran, Manila

Tampa Exports

Clearance Dates

Alamo, July 21; Albert, July 21; Elin K, July 16

GASOLINE—1 dm, Albert, Belize
GRAPEFRUIT JUICE—15 cs, Alamo, Halifax
PARAFFIN, REFD—2 dms, Albert Belize
PHOSPHATE—7,992 tons, Elin K, Montreal

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—74,102 bbls, Algonquin, Baytown; 79,851 bbls, Mercury Sun, Baytown
KEROSENE—90,425 bbls, John Worthington, Baytown
OIL, FUEL—44,308 bbls, Cassimir, Baytown; 3,709 bbls, Cities Service Kansas, Baytown
GAS—53,276 bbls, A S Hansen, Baytown
PETROLEUM, CRUDE—91,046 bbls, Dannedaike, Baytown; 110,605 bbls, Paco, Baytown; 30,478 bbls, Federal, Baytown; 65,-920 bbls, Beta, Baytown; 149,451 bbls, Wm Rockefeller, Baytown; 88,782 bbls, Broad Arrow, Baytown; 112,877 bbls, E M Clark, Baytown; 101,190 bbls, F W Abrams, Baytown; 110,984 bbls, James McGee, Baytown

Los Angeles Coast Trade

GASOLINE—75,301 bbls, Huguenot, San Francisco; 68,000 bbls, Olney, Portland; 10,377 bbls, San Diegan, San Diego; 71,765 bbls, Dirigo, San Francisco; 46,029 bbls, Utacarbon, Seattle; 37,218 bbls, Edwin B de Golio, Tacoma; 8,335 bbls, San Diegan, San Diego
KEROSENE — 1,994 bbls, Dirigo, San Francisco; 2,012 bbls, Utacarbon, Seattle
OIL, DIESEL — 5,658 bbls, Huguenot, San Francisco; 11,000 bbls, Olney, Portland; 1,468 bbls, San Diegan, San Diego; 25,466 bbls, Utacarbon, Seattle; 10,169 bbls, Tejon, Seattle
FUEL — 69,000 bbls, Antietam, Martinez; 50,473 bbls, Torres, Richmond; 2,418 bbls, Coast Miller, Portland; 59,556 bbls, Tejon, Seattle
FURNACE—3,987 bbls, Utacarbon, Seattle
PETROLEUM, CRUDE—23,597 bbls, Cathwood, Savannah
SOLVENT, CLEANING—2,010 bbls, Utacarbon, Seattle

Cargo Ship Arrivals

July 30 to August 12

New York

Absaroka	Portland*	Aug	8
Adrastus	Batavia*	Aug	5
Agwistar	Tampico*	Aug	2
Amazone	Maracaibo*	Aug	8
American Importer	Manchester*	Aug	1
American Trader	London*	Aug	8
Anna Maersk	Manila*	Aug	12
Antigua	Puerto Barrios*	Aug	4
Aquitania	Southampton*	Aug	2
Batory	Gdynia*	Aug	8
Black Heron	Rotterdam*	Aug	1
Black Osprey	Rotterdam*	Aug	8
Black Tern	Rotterdam*	Aug	9
Boniface	Manaos*	Aug	3
Borinquen	Trujillo*	Aug	1
Bremen	Bremen*	Aug	4
Buenaventura	Port au Prince*	Aug	8
Caledonia	Glasgow*	Aug	7
Calmar	Warrenton	Aug	12
California	Glasgow*	Aug	1
Cathlamet	Lagos*	Aug	9
Champlain	Havre*	Aug	10
Chiriqui	Puerto Colombia*	Aug	11
City of Rayville	Kobe*	Aug	8
Coamo	Trujillo*	Aug	8
Conte Di Savoia	Genoa*	Aug	4
Cristobal	Cristobal*	Aug	1
Dagrun	Buenos Aires*	Aug	5
Deutschland	Hamburg*	Aug	5
Drottningholm	Gothenburg	Aug	5
Emile Francqui	Antwerp	Aug	9
Europa	Bremen*	Aug	11
Exchange	Thessaloniki*	Aug	4
Exeter	Jaffa*	Aug	4
Fernhill	Naples*	Aug	9
Floridian	Portland*	Aug	11
Fort Amherst	St John's*	Aug	4
Georgian	Portland*	Aug	4
Gerolstein	Antwerp	Aug	11
Gloucester City	Fowey	Aug	10
Golden Cloud	Honolulu*	Aug	4
Gunvor	Paramaribo*	Aug	1
Hamburg	Hamburg*	Aug	12
Hanley	Longview*	Aug	3
Harry Luckenbach	Seattle*	Aug	4
Henry D Whiton	Lumton, Ore*	Aug	8
Independence Hall	Dunkirk*	Aug	3
Kaikoura	Sydney*	Aug	10
Kota Inten	Macassar*	Aug	12
Kyusyo	Nagasaki*	Aug	6
Maasdam	Rotterdam	Aug	10
Manhattan	Hamburg*	Aug	4
Manaqui	Demerara*	Aug	1
Maria	Trieste*	Aug	9
Marna	Valparaiso*	Aug	8
Marion Otis Chandler	Honolulu*	Aug	11
Mexico	Vera Cruz*	Aug	9
Munargo	Havana*	Aug	4
Musa	Cristobal*	Aug	3
Naruto	Kobe*	Aug	5
Nebraskan	Tacoma*	Aug	9
Normandie	Havre*	Aug	1
Northern Prince	Buenos Aires*	Aug	3
Olga S	Antwerp*	Aug	6
Pan America	Buenos Aires*	Aug	10
Ponce	La Romana*	Aug	1
President Polk	Honolulu*	Aug	3
Queen Mary	Southampton*	Aug	8
Quirigua	Port Limon*	Aug	7
Samaria	Liverpool*	Aug	8
San Jacinto	Mayaguez*	Aug	4
San Rafael	Portland*	Aug	8
Santa Lucia	San Antonio*	Aug	8
Santa Paula	Curacao*	Aug	8
Santa Rita	Chanaral*	Aug	1
Santa Rosa	Curacao*	Aug	1
Satartia	Buenos Aires*	Aug	10
Saturnia	Trieste*	Aug	11
Scanstates	Copenhagen*	Aug	3
Seatrain Havana	New Orleans*	Aug	9
Seatrain New York	New Orleans*	Aug	2
Siboney	Vera Cruz*	Aug	2
Statendam	Rotterdam*	Aug	3
Stuyvesant	Paramaribo*	Aug	8
Susan V Luckenbach	Seattle*	Aug	11
Texan	Tacoma*	Aug	2
Texas Banker	Houston*	Aug	1
Texas Ranger	Houston	Aug	9
Titanian	Iloilo	Aug	10
Troubadour	Buenos Aires*	Aug	3
Tuscaloosa City	Honolulu*	Aug	11
Veragua	Puerto Colombia*	Aug	4
Vito	Kobe*	Aug	6
West Calumb	Buenos Aires*	Aug	2
Westernland	Antwerp*	Aug	2
West Lashaway	Duala*	Aug	5
West Irmo	Freetown*	Aug	9
West Isleta	Mombasa*	Aug	11

* And other ports

Recent Charters

FLAXSEED—8,000 tons, S S Ioannis, Madras coast to principal ports United Kingdom, Continent, 28s; August 22-30
PETROLEUM—4,504 tons, S S Noreg, dirty, Aruba to Teneriffe, 7s 3d; August
7,000 tons, S S Buesten or substitute, clean, Gulf to Ango Ango, West Africa, 15s 6d; option Aruba, 13s 6d; September 5-20
PETROLEUM (Continued):—
4,932 tons, S S Byron D Benson, bunker C fuel oil, Gulf to North of Hatteras, 18c barrel; August
5,901 tons, S S Norlys, dirty, Borneo to United Kingdom, Continent
5,937 tons, S S Fenris, dirty, Borneo to United Kingdom, Continent; August
4,891 tons, S S Grena, dirty, Borneo to United Kingdom, Continent; August
3,663 tons, S S Vanja, clean, Gulf to North Spain, 12s; August-September

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug act or did not comply with other customs regulations, included the following articles for the reasons stated:—

New York

Week Ended August 3

Cod oil, 110 drums; restricted use.
Coriander seed, 200 bags; filthy,
Gelatin, 40 bags; restricted use.
Medicinal preparations, 1 case; false and misleading statements; alcohol not declared.
Medicinal preparations, 4 packages; false therapeutic claims.
Nutmegs, 86 bags; restricted use.
Sesame seed, 112 bags; filthy.

Boston

Week Ended August 3

Medicinal preparations, 2 packages; false therapeutic claims.

Buffalo

Week Ended August 3

Medicinal preparations, 3 packages; false therapeutic claims.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any direct office or co-operative office of the bureau, and not to this publication. When writing give the number of the item:—

Blue vitriol:—Agency; Izmir, Turkey (7301).
Chemicals, fine:—Agency; Habana, Cuba (7295).
Chemicals, industrial:—Agency; Izmir, Turkey (7301).
Chemicals, industrial:—Agency; Rio de Janeiro, Brazil (7299).
Chemicals, specialties:—Agency; Izmir, Turkey (7301).
Cosmetics:—Agency; Stockholm, Sweden (7300).
Cosmetics:—Agency; Rio de Janeiro, Brazil (7321).
Cosmetics:—Agency; Manila, Phillipine Islands (7297).
Creosote:—Agency; Bogota, Colombia (7294).
Drugs:—Agency; Habana, Cuba (7295).
Drugs:—Agency; Toronto, Canada (7293).
Drugs:—Agency; Manati, Puerto Rico (7298).
Paint pigments:—Purchase; Durban, South Africa (7299).
Paints:—Agency; Korcha, Albania (7292).
Paraffin, semi-refined:—Purchase and agency; Lima, Peru (7337).
Paint raw materials:—Purchase; Durban, South Africa (7299).
Paraffin wax:—Agency; Korcha, Albania (7292).
Pharmaceutical preparations: — Agency; Habana, Cuba (7295).
Pharmaceutical preparations:—Agency; Toronto, Canada (7293).
Pharmaceutical specialties: — Agency; Manato, Puerto Rico (7298).
Polish, automobile:—Agency; Rio de Janeiro, Brazil (7340).
Rosin:—Purchase; Hamburg, Germany (7296).
Turpentine, sulphate:—Purchase; Hamburg, Germany (7296).
Starch:—Agency; San Juan, Puerto Rico (7313).
Toilet preparations:—Agency; Manila, Philippine Islands (7297).
Toilet preparations:—Agency; Rio de Janeiro, Brazil (7321).
Sulphuric acid plant machinery:—Purchase; Calcutta, India (7370).

Publicker Commercial Alcohol Relocates Philadelphia Offices

The general offices of the Publicker Commercial Alcohol Company and its affiliates, the Publicker Alcohol & Chemical Sales Corporation and Publicker, Inc., have been moved to 1800 West Lehigh avenue, Philadelphia. The change became effective July 25. The Philadelphia telephone number is Radcliff 7000. The general offices of the company were formerly located at 260 South Broad street, Philadelphia.

R. E. Meagher has been appointed secretary-treasurer of the Canadian Industrial Alcohol, Ltd., succeeding J. G. Lawrence, who resigned.

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 59 John Street, New York

Agencies Wanted

ESTABLISHED Cincinnati firm would be interested in representing producers of raw materials for the paper, soap, paint, rubber, ink or other industries. BOX 961, Oil, Paint and Drug Reporter.

Equipment Offered

CONSOLIDATED OFFERS.—One solid nickel jacketed agitated vacuum still 100 gallons; ten No. 3 Rotex sifters, motor driven; two 24 inch Mikro pulverizers; twelve vacuum dryers, shelf and rotary type; nine W. & P. mixers; five Sweetland filters; twenty plate type filter presses; thirty centrifugal machines; miscellaneous: rotary dryers, pulverizers, jacketed kettles, etc. Send for complete listing. We buy and sell from a single item to a complete plant. Consolidated Products Co., Inc., 15-17-19 Park Row, New York City.

FOR SALE—Two 6x8 pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FIND WHAT you want right in New York City. Pony mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Co., 123 Bleecker street, SPring 7-8955.

FOR SALE—XXB beater mill (Gruendler patent crusher and pulverizer), 24x20, ball-bearing; 35 h.p. motor required; flat belt. Grinds burnt lime, coal, coke, sulphur, etc. Good condition; will sell at a bargain. Charles Cooper & Co., 6 Mulberry street, New York City.

FOR SALE—One belt-driven 30-inch "A" mill in perfect condition. Inquire Gadi, Inc., Memphis, Tenn.

Factories Offered

MODERN factory, one-story brick, 40x100, concrete floor, sprinkler system; 16-ft. headroom; office, laboratory, high-pressure boiler. Unrestricted district in Newark, N. J., adjacent to Skyway. Low rent. The R. L. Kraft Company, Woolworth Building. COrtlandt 7-9377.

Materials Offered

BLACK cohosh root, queen of the meadow root, blueflag root, stoneroot, and skullcap herb. E. F. McPheters, Cooperstown, Pa.

Positions Vacant

WANTED—Experienced paint salesmen to sell 100% pure linseed oil, sun resisting, chrome green paint in five shades, at prices that will meet all competition. BOX 950, Oil, Paint and Drug Reporter.

THOROUGHLY TRAINED chemical engineer with experience in distillation and plant management. Prefer man about 35 to 40 years of age. Must be good handler of men and capable of taking charge of production. Give complete details of education, experience, salary desired, etc., and whether willing to learn metropolitan area. BOX 937, Oil Paint and Drug Reporter.

WANTED—Paint chemist to take charge of research and formulation of complete line of paints, varnishes and industrial coatings. Give full details and salary expected. BOX 958, Oil, Paint and Drug Reporter.

ESSENTIAL oil representive; well-known house has opening for men already calling on cosmetic and confectionery manufacturers. Southern states and other territories available. In reply give other firms represented and references. BOX 959, Oil, Paint and Drug Reporter.

WANTED—A chemist or chemical engineer with three or more years of varied experience in the chemical industry. Technical sales service experience essential as position will involve market survey work and product development. Position calls for initiative and ingenuity. Give full particulars in letter. BOX 962, Oil, Paint and Drug Reporter.

Positions Wanted

POSITION wanted as casein paint chemist. Experienced in casein paint research and production. College graduate. References furnished. BOX 947, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMIST and chemical engineer available. Broadest experience in research, development and technical sales in building materials, textiles, cellulose industries, coatings, oils, adhesives, colloids, biochemicals and other lines. Very highest references. BOX 941, Oil, Paint and Drug Reporter.

CHEMICAL engineer desires to take charge of factory repair shop, power plant, and to supervise construction, maintenance and renewals of chemical plant and equipment; twenty years' experience. BOX 943, Oil, Paint and Drug Reporter.

YOUNG, EXPERIENCED paint and varnish chemist now employed by leading firm. Unusual background in all phases of formulation, manufacture, testing. Trade and industrial. University of Chicago chemistry degree. Address BOX 952, Oil, Paint and Drug Reporter.

PLANT manager with broad experience in the chemical and dyestuff manufacturing field desires connection in similar capacity. Highest references furnished. BOX 953, Oil, Paint and Drug Reporter.

ACCOUNTANT-Office Manager—Christian, business and managerial background—credits, auditor and export. Salary nominal. Twenty years paint experience. BOX 954, Oil, Paint and Drug Reporter.

SUPERINTENDENT production and maintenance; distillation petroleum, coaltar, tar acids, naphthalene, intermediates, dyes, printing inks; graduate chemical engineer; mechanical efficiency expert; handle men successfully; twenty-five years' experience. BOX 955, Oil, Paint and Drug Reporter.

CHEMIST—B.Sc., Rutgers 1938; plant experience in synthetic pharmaceuticals; research in casein plastics; Christian, twenty-one, tall, good health; interesting work greater attraction than salary. BOX 957, Oil, Paint and Drug Reporter.

Positions Wanted

PRACTICAL printing ink and dry color chemist desires position with reliable firm in either field. Will locate anywhere. BOX 960, Oil, Paint and Drug Reporter.

PAINT and varnish maker of the first caliber wants to manage small paint and varnish business with a view to increase business and make it successful. Produces the best selling flat whites, gloss whites, enamels, varnishes and a full line. Sales guaranteed if customer tries it once. BOX 956, Oil, Paint and Drug Reporter.

Services Offered

CHEMISTS and chemical engineers—If you are now unemployed, send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

Surplus Stock

BUYERS of any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

CHECK INVENTORIES—Cash for any quantity, surplus finished or raw material—chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0134.

WE PURCHASE any quantity surplus chemicals, colors, pigments, oils, waxes, drugs, pharmaceuticals and all basic raw materials, as well as by-products, residues and wastes of all kinds. Entire plants bought. Eastern Color & Chemical Co., 143 Nassau street, New York City. COrtlandt 7-7441.

FORESIGHT—Not—Hindsight

The time to buy is *before* not after prices follow the upward trend in industry. Buy Consolidated's Guaranteed Good REBUILT EQUIPMENT* now!

CONSOLIDATED PRODUCTS CO., Inc.

15-17-19 Park Row, New York City BArclay 7-0600

Plant: Newark, N. J. Cable: EQUIPMENT N. Y.

See "Equipment Offered" above for our Classified Listings.

GUARANTEED

NEW AND REBUILT EQUIPMENT

FOR THE CHEMICAL AND PROCESS INDUSTRIES

FIRST MACHINERY CORP.

419 Lafayette St. New York, N.Y.

LIQUIDATORS APPRAISERS

Cable: EFFEMCY

Once in a Lifetime

(where to look)

Somebody in your line of business last week grabbed a once-in-a-business-lifetime chance to pick up a new lot of goods at less-than-wholesale . . . simply because somebody else who knew from experience had told him how it's done. He now knows that the number one Auction Sale Page of America, covering every line of business and all types of goods, is the next-to-last page of any weekday New York Herald Tribune. Good point to remember.

Bids Wanted

Acid, Oxalic:—Supplies, various deliveries; Procurement Division, Bureau of Supply, Treasury Department, Washington, D. C.; procurement 15393-SP, opening August 10.

Picric:—72,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 49, opening August 12.

Sulphonic, Mixture: — 110,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 48, opening August 31.

Sulphuric:—1,620 pounds, U. S. Engineer Office, Fort Peck, Montana; procurement 24, opening August 11.

Alcohol, Ethyl:—700,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 53, opening August 29.

Aluminum Pigment:—10,200 pounds; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 4148, opening August 30.

Ammonia Aqua: — Supplies, various deliveries; Procurement Division, Bureau of Supply, Treasury Department, Washington, D. C.; procurement 15393-SP, opening August 10.

Nitrate: — 200,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 45, opening August 10.

Antifreeze Solution:—45,252 gallons; Purchasing Officer, Interior Department, Washington, D. C.; procurement 4035, opening August 8.

Bleaching Powder:—Supplies, various deliveries; Procurement Division, Bureau of Supply, Treasury Department, Washington, D. C.; procurement 15393-SP, opening August 10.

Carbon Tetrachloride:—10,500 pounds; U. S. Engineer Office, Fort Peck, Montana; procurement 23, opening August 10.

Dinitrophenol:—18,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 49, opening August 12.

Ether:—3,500 pounds of phenolic alkylated; Supply Officer, Naval Aircraft Factory, Philadelphia, Pa.; requisition 502-103 Aero, opening August 10.

Lead, White:—1,000 pounds; Commanding Officer, Raritan Arsenal, N. J.; procurement 15, opening August 12.

7,500 pounds; Quartermaster Supply Officer, Fort Mason, San Francisco, Calif.; procurement 928-30, opening August 11.

Magnesia, Milk: — Supplies, various deliveries; Procurement Division, Bureau of Supply, Treasury Department, Washington, D. C.; procurement 15393-SP, opening August 10.

Naphtha, Coaltar:—2,000 gallons for Mare Island; Bureau of Supplies and Purchases, Navy Department, Washington, D. C.; schedule 4154, opening August 30.

Naphthalene:—6,000 pounds; Quartermaster Supply Officer, Fort Mason, San Francisco, Calif.; procurement 928-30, opening August 11.

Flake:—1,900 pounds; Naval Supply Depot, Norfolk, Va.; schedule 9499, opening August 15.

Oil, Cutting:—1,500 gallons; Commanding Officer, Rock Island, Ill.; procurement 81, opening August 22.

Fuel:—250,000 gallons bunker C; U. S. Engineer Office, New York District, Army building; procurement 48, opening August 8.

Supplies of bunker C for East coast, Bureau of Supplies and Purchases, Navy Department, Washington, D. C.; schedule 4135, opening August 16.

Paint, Cold Water:—4,000 pounds; Superintendent of Lighthouses, Staten Island; procurement 57398, opening August 9.

Petrolatum, Liquid:—Supplies, various deliveries; Procurement Division, Bureau of Supply, Treasury Department, Washington, D. C.; procurement 15393-SP, opening August 10.

Road Oil, Asphaltic:—20,000 gallons for Topeka, Kans.; State Procurement Offices, Treasury Department; procurement 2518, opening August 12.

Soap:—2,500 cakes of fish oil; U. S. Engineer Office, Custom House, Philadelphia, Pa.; procurement 25, opening August 8.

Laundry:—3,000 pounds; Quartermaster Supply Officer; Fort Mason, San Francisco, Calif.; procurement 928-30, opening August 11.

Salt Water:—4,800 pounds; Quartermaster Supply Officer; Fort Mason, San Francisco, Calif.; procurement 928-30, opening August 11.

Toilet:—8,500 cakes; Quartermaster Supply Officer; Fort Mason, San Francisco, Calif.; procurement 928-30, opening August 11.

Soda, Caustic:—5,000 pounds; Commanding Officer, Rock Island Arsenal, Ill.; procurement 86, opening August 23.

Chloride, Solution:—Supplies during period August 15 to November 30; procurement 15355-SP, opening August 9.

Cyanide:—1,000 pounds; U. S. Engineer Office, Fort Peck, Montana; procurement 24, opening August 11.

Oxalate:—8,100 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 55, opening August 29.

Sal:—3,000 pounds; Quartermaster Supply Officer, Fort Mason, San Francisco, Calif.; procurement 928-30, opening August 11.

Solvent, Degreasing:—6,000 pounds; Superintendent of Industries, U. S. Northeastern Penitentiary, Lewesburg, Pa.; procurement 566, opening August 11.

Trinitrotoluene: — 1,800,000 pounds; Commanding Officer, Picatinny Arsenal; procurement 46, opening August 10.

Zinc Oxide:—5,000 pounds; Quartermaster Supply Officer, Fort Mason, San Francisco, Calif.; procurement 928-30, opening August 11.

Phosphate Hearing Told Prices Are Too High

—Continued from page 5

for the Anaconda Copper Mining Company, stated in comparison with the 350 persons it is intended to use in the so-called semi-commercial plant, according to Dr. Curtis, the Anaconda company has approximately 150 employees in both the mining and acidulating departments at Conda and Anaconda. This company could readily produce twice the amount of concentrated superphospate it has thus far been able to dispose of.

With practically no information as to cost of mining and manufacture, almost every witness among the northwestern group testified that phosphate prices were too high. The Western phosphate field so far explored covers an area lying in Idaho, Wyoming, and Utah, approximately 200 miles east and west and 500 miles north and south, the center of the richest deposit being approximately along the north and south line of Utah, Idaho, and Wyoming, centering generally near Montpelier, Idaho.

Federated Metals Corporation, Los Angeles, Calif., division of the American Smelting & Refining Company, plans the erection of an addition to its Los Angeles plant, to cost $150,000.

B. T. Rocca, president of the Pacific Vegetable Oil Corporation, San Francisco, is at present confined to a hospital bed following a fall in his company yard, which resulted in a fractured ankle. Mr. Rocca, walking across the yard while inspecting tankcar loadings, stepped into a small pool of oil, slipped and fell. He states that with the help of a plaster cast and crutches he hopes to be back at his desk within the next two weeks.

Index to Advertisements

Advance Solvents & Chemical Corp.... —
Alexander, Jerome..... 58
American Agricultural Chemical Co... 1
American-British Chemical Supplies, Inc. ..... —
American Can Co..... —
American Cyanamid & Chemical Corp. —
American Flange & Mfg. Co..... —
American Potash & Chemical Corp.... 48
Anderson-Prichard Oil Corp..... —
Ansbacher-Siegel Corp..... —
Apex Chemical Co., Inc..... 49
Ashcraft-Wilkinson Co..... 29
Atlantic Refining Co..... —
Atlantic Research Associates..... —
Atlas Powder Co..... —

Barium Reduction Corp..... 30
Barrett Company.....36, 57
Barsky & Strauss, Inc..... 58
Belle Alkali Co..... 29
Bemis Bro. Bag Co..... —
Benzol Products Co..... —
Binney & Smith Co..... 15
Bradley, A. J., Mfg. Co..... 40
Brode Corp., The..... 44
Brown, Leland Laboratories..... 58
Bureau of Chemistry..... 58
Bush, W. J., & Co., Inc..... —

Calco Chemical Co..... —
California Fruit Growers Exchange.... 65
Calvert, Robert..... 58
Campbell, Harry T., Sons Co..... —
Carbide & Carbon Chemicals Corp.... 2
Carey, The Philip, Co..... —
Carpinello, Michael J., Inc..... 58
Chemical Solvents, C. P., Inc..... 66
Church & Dwight Co..... 66
Clarendon Refining Co..... —
Colledge, E. W., Gen. Sales Agent, Inc. 40
Colton, Arthur, Co..... 40
Columbia Alkali Corp..... —
Columbian Carbon Co..... —
Commercial Solvents Corp..... —
Conewango Refining Co..... —
Consolidated Products Co., Inc..... 64
Consumers Import Co., Inc..... —
Continental Can Co..... —
Continental Carbon Co.....34, 35
Cooper, Chas., & Co..... 56
Cooper, T. G., & Co., Inc..... —
Crosby Naval Stores Co..... —
Croton Chemical Corp..... —

Darling & Co..... —
Day Chemical Co..... 58
Deep Rock Oil Corp..... —
Dewey & Almy Chemical Co..... —
Diamond Alkali Co..... 31
Dicalite Co..... —
Dodge & Olcott Co..... —
Doggett, Stanley, Inc..... —
Dow Chemical Co..... 49
Draper Mfg. Co..... 66
Dunkel, Paul A., & Co., Inc..... 51
Du Pont de Nemours, E. I., & Co.....1, 66

Eastern Steel Barrel Corp..... —
Eastman Kodak Co..... —
Eberstadt, F., & Co., Inc..... —
Ehrlich, J., Dr..... 58
Electro Bleaching Gas Co..... —
Ellis-Foster Co..... 58
Emery Industries, Inc..... —
Exporters & Manufacturers Translation Bureau 58

Falk & Co..... 43
Fezandie & Sperrle..... 33
First Machinery Corp..... 64
Fluorine Products ..... —
Food Research Laboratories, Inc..... 58
Frank-Vliet Co..... —
Franks Chemical Products Co..... —
Freeport Sulphur Co..... —
Fritzsche Bros., Inc.....53, 55
Fulton Bag & Cotton Mills..... —

Gable, Howard S., Co..... —
General Drug Co..... 54
General Dyestuff Corp..... —
General Electric Co..... —
General Plastics, Inc..... —
Gesell, R., Inc..... —
Givaudan-Delawanna, Inc..... —
Goodman, Rex, M. D..... 58
Gray, William S., & Co..... 1
Gray Industrial Laboratories..... 58
Greeff, R. W., & Co., Inc..... 47
Gross, A., & Co..... 43
Gruman, J. B., & Co..... 60

Hardesty, W. C., Co., Inc..... 43
Harshaw Chemical Co..... —
Heekin Can Co..... —
Heyden Chemical Corp..... 47
Hinde & Dauch Paper Co..... —
Hochstadter Laboratories..... 58
Holt, C. J., & Co., Inc..... 58
Hopkins, J. L., & Co..... 51
Huisking, Chas. L., & Co., Inc..... —
Hutchinson, D. W., & Co., Inc..... 53

Imperial Oil & Gas Products Corp.... 41
Imperial Paper & Color Corp..... 41
Independent Mfg. Co..... —
Industrial Chemical Sales Div.....39, 42
Industrial Consulting Labs., Inc..... 58
Innis, Speiden & Co..... 56
International Pulp Co..... —
International Selling Corp..... —
Irvington Smelting & Refining Works. 29

Jackson, L. N., Co., Inc..... 43
Jones & Laughlin Steel Corp..... 37
Jungmann & Co., Inc..... 32

Kellogg, Spencer, & Sons, Inc..... —
Kentucky Color & Chemical Co..... 40
Kessler Chemical Corp..... —
Knight, B. H..... 58
Koppers Co..... 37
Koster Keunen ..... —
Krebs Pigment & Color Corp..... —

Laning, E. M., & Co., Inc..... 58
LaWall & Harrisson..... 58
Lewis, John D., Inc..... 40
Lueders, Geo., & Co..... 53

Magnetic Pigment Co..... 15
Magnus, Mabee & Reynard, Inc..... 53
Mallinckrodt Chemical Works..... 6
Manion Steel Barrel Co..... 39
Martens, Johan C., & Co..... 48
Martin, The L., Co..... —
Mathieson Alkali Works, Inc..... —
Mathieu, A. H., & Co..... 29
Merck & Co..... 46
Metasap Chemical Co..... 41
Miel, George A..... 58
Minnesota Specialty Co..... —
Molnar Laboratories..... 58
Monsanto Chemical Co..... —
Munch, James C..... 58
Murray Oil Products Co..... 45
Mutual Chemical Co. of America..... 33

National Aniline & Chemical Co., Inc. —
National Lead Co..... —
National Milk Sugar Co., Inc..... 48
National Oil Products Co..... —
National Rosin Oil & Size Co..... 40
Natural Products Refining Co..... 33
Neuberg, William, Inc..... 48
Neville Co..... —
New Jersey Zinc Co..... 22
New York Herald Tribune..... 64
N. Y. Quinine & Chemical Works, Inc. 20
Niacet Chemicals Corp..... 33
Niagara Alkali Co..... —
N. V. Potash Export My, Inc..... —

Oldbury Electro Chemical Co..... 30
Orbis Products Corp..... 51
Orthmann Laboratories, Inc..... 58
Osborn, C. J., Co..... 40

Pacific Coast Borax Co..... 1
Pacific Vegetable Oil Corp..... —
Parsons, M. W..... 48
Pease Laboratories, Inc..... 58
Penick, S. B., & Co..... 50
Pennsylvania Coal Products Co..... —
Pennsylvania Oil Products Refining Co. —
Pennsylvania Refining Co..... 52
Pennsylvania Salt Mfg. Co..... —
Pfaltz & Bauer, Inc..... —
Pfizer, Chas., & Co., Inc..... 25
Phelps-Dodge Refining Corp..... —
Polachek, Z. H..... 58
Potash Company of America..... —
Pressed Steel Tank Co..... —
Prior Chemical Corp..... 1
Procter & Gamble.....43, 48
Publicker Commercial Alcohol Co..... —
Purdy, W. S., Co., Inc..... 58
Pure Calcium Products Division..... —

Quaker Oats Co..... —

Reilly Tar & Chemical Corp..... —
Rosenthal, H. H., Co., Inc..... 48
Royster Chemical Works..... 30
Ryland, H. C., Inc..... 53

Sadtler, Samuel P., Sons, Inc..... 58
St. Joseph Lead Co..... —
Schimmel & Co., Inc..... —
Schofield-Donald Co., Inc..... —
Schwabacher, S., & Co., Inc..... 48
Schwarz Laboratories, Inc..... 58
Seil, Putt & Rusby, Inc..... 58
Sharples Solvents Corp..... —
Shell Petroleum Co..... 16
Sherka Chemical Co., Inc..... 48
Sherwood Petroleum Co., Inc..... 55
Skelly Oil Co..... —
Slomon, Ira I..... 58
Smith, Kline & French Laboratories... —
Snell, Foster D., Inc..... 58
Solvay Sales Corp..... 30
Sonneborn, L., Sons, Inc..... 66
Southern Steel Barrel Co., Inc..... —
Standard Ultramarine Co..... 40
Starlight Refining Co..... —
Stauffer Chemical Co..... 32
Stillwell & Gladding..... 58
Stroock & Wittenberg Corp..... —
Sun Oil Co..... —

Taintor Trading Co..... —
Tamms Silica Co..... —
Tar & Chemical Div. of Koppers Co.. 37
Tennessee Corp..... 30
Texas Gulf Sulphur Co., Inc..... —
Thornton, The F. C., Co., Inc..... —
Thurston & Braidich..... 40
Titanium Pigment Corp..... —
Todd, A. M., Co..... 54
Turner, Joseph, & Co..... 29

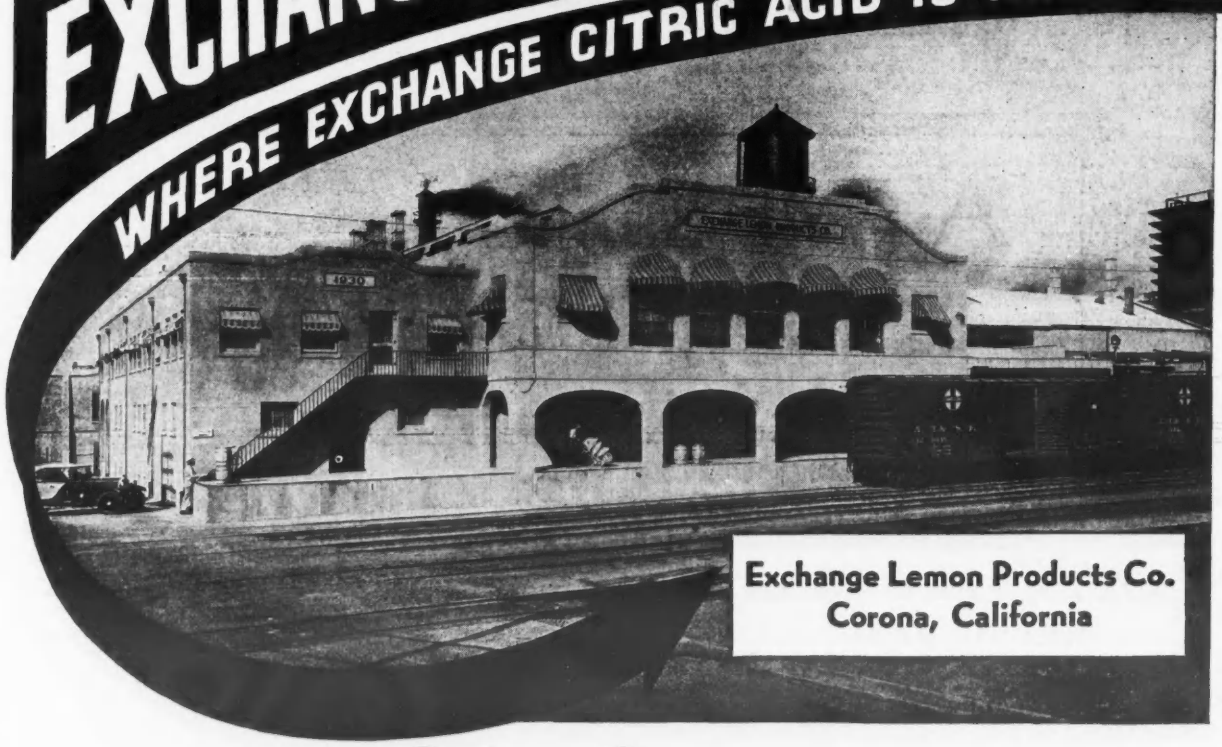
Union Carbide & Carbon Corp..... 2
United Clay Mines Corp..... —
U. S. Industrial Alcohol Co.....17, 18
U. S. Industrial Chemical Co.....17, 18
U. S. Phosphoric Products Corp..... 30
United States Potash Co..... 57

Vanderbilt, R. T., Co., Inc..... —
Victor Chemical Works..... 32
Viking Distributing Co..... —
Vorce, L. D..... 58

Wah Chang Trading Corp..... 43
Wecoline Products, Inc..... 43
Weiss & Downs, Inc..... 58
Wheeling Corrugating Co..... —
White Tar Co. of N. J., Inc..... 37
Wiley & Co., Inc..... 58
Will & Baumer Candle Co..... —
Williams, C. K., & Co..... 40
Wishnick-Tumpeer, Inc..... 9
Woburn Degreasing Co. of N. J..... —
Wolf, Jacques, & Co..... 51
Wood Preserving Corp..... 37

EXCHANGE CITRIC ACID U.S.P.

WHERE EXCHANGE CITRIC ACID IS MADE



EXCHANGE Citric Acid U.S.P. is made by the Exchange Lemon Products Company of Corona, Calif. Backed by the Sunkist group of 13,500 citrus growers—largest in the world. Immediate shipments from warehouse stocks in New York, Chicago and Philadelphia. For prices on kegs, barrels or carloads, write nearest office.

Products Department

CALIFORNIA FRUIT GROWERS EXCHANGE

ONTARIO, CALIFORNIA

189 W. Madison Street, Chicago, Illinois — 99 Hudson Street, New York, N.Y.

Exchange

CITRIC ACID U.S.P.

METHANOL (all grades) METHYL ACETONE
CHEMICAL SOLVENTS
Incorporated
11 Park Place Telephone BArclay 7-861 -6-7 New York

WHITE OIL and PETROLATUM
FOR ALL PHARMACEUTICAL, COSMETIC and INDUSTRIAL PURPOSES
L. SONNEBORN SONS, INC.
Refiners of White Oil and Petrolatum — Refineries: Petrolia and Franklin, Pa.
New York 88 Lexington Avenue
Los Angeles 215 West 5th Street
Chicago 400 West Madison Street
Southwestern Distributors: Sonneborn Bros., 2111 Taylor St., Dallas, Tex.

FINEST QUALITY
BICARBONATE OF SODA
SAL SODA (Carbonate of Soda Crystals)
MONOHYDRATE OF SODA
PIONEER WASHING SODA
CHURCH & DWIGHT CO.
70 PINE STREET Phone Digby 4-2181 NEW YORK CITY

REG. U.S. PAT. OFF.
P.A.C. FORMALDEHYDE
U.S.P. Solution
37% HCHO (by weight)
Water White
Low Acidity
Low Metal Content
Guaranteed Specifications
DU PONT
REG. U.S. PAT. OFF.
DU PONT
The R. & H. Chemicals Department
E. I. DU PONT DE NEMOURS & CO., INC.
Wilmington, Delaware
District Sales Offices: Baltimore, Boston, Charlotte, Chicago, Cleveland, Kansas City, Newark, New York, Philadelphia, Pittsburgh, San Francisco

DRAPER
STEEL BARRELS and DRUMS

A well earned reputation among the nation's leading shippers
PUT YOUR SHIPPING CONTAINER PROBLEMS UP TO US
WRITE, PHONE OR WIRE
"What the Shipper Puts In the Customer Takes Out"
THE DRAPER MANUFACTURING CO.
CLEVELAND, OHIO
Factory and Main Office East 91st Street and Crane Ave. Cleveland, Ohio Telephone Michigan 2900
Philadelphia Office 514 Atlantic Building, 260 South Broad Street Philadelphia, Pa. Telephone Kingsley 3488
New York Office Room 1511, No. 11 Broadway New York, N. Y. Telephone Digby 4-3052